Maths Drill Sheets

A collection of 472 maths worksheets covering many different topics.

Craig Ayers

2024

Name:_____ Class:_____ Date:____/____/_____

Advanced Addition

Find the sum.

1) 66 + 46 =	2) 71 + 75 =	3) 96 + 40 =	4) 90 + 26 =	5) 64 + 81 =	6) 35 + 33 =	7) 43 + 76 =	8) 97 + 41 =
9) 28 + 57 =	10) 14 + 82 =	11) 79 + 19 =	12) 73 + 78 =	13) 30 + 44 =	14) 50 + 90 =	15) 21 + 62 =	16) 16 + 43 =
17) 92 + 51 =	18) 12 + 18 =	19) 77 + 44 =	20) 94 + 60 =	21) 49 + 17 =	22) 92 + 16 =	23) 37 + 14 =	24) 15 + 18 =
25) 72 + 30 =	26) 64 + 90 =	27) 37 + 95 =	28) 84 + 57 =	29) 73 + 93 =	30) 55 + 62 =	31) 89 + 10 =	32) 16 + 13 =
33) 75 + 91 =	34) 39 + 90 =	35) 74 + 88 =	36) 62 + 84 =	37) 62 + 54 =	38) 43 + 72 =	39) 26 + 67 =	40) 50 + 26 =
41) 39 + 42 =	42) 28 + 89 =	43) 97 + 25 =	44) 17 + 96 =	45) 66 + 55 =	46) 44 + 84 =	47) 88 + 42 =	48) 70 + 49 =
49) 11 + 89 =	50) 41 + 46 =	51) 74 + 23 =	52) 43 + 83 =	53) 67 + 79 =	54) 38 + 82 =	55) 62 + 22 =	56) 40 + 16 =
57) 52 + 38 =	58) 33 + 57 =	59) 81 + 26 =	60) 14 + 60 =	61) 84 + 42 =	62) 34 + 29 =	63) 54 + 77 =	64) 94 + 30 =
65) 82 + 94 =	66) 71 + 36 =	67) 36 + 15 =	68) 52 + 26 =	69) 98 + 44 =	70) 32 + 28 =	71) 86 + 34 =	72) 44 + 54 =

Name:_____ Class:_____ Date:____/____/_____

Advanced Addition

Find the sum.

1) 412 + 139 =	2) 101 + 863 =	3) 870 + 407 =	4) 173 + 621 =	5) 108 + 493 =	6) 306 + 814 =	7) 431 + 568 =
8) 436 + 638 =	9) 826 + 829 =	10) 884 + 656 =	11) 510 + 584 =	12) 205 + 995 =	13) 125 + 892 =	14) 904 + 254 =
15) 231 + 752 =	16) 211 + 536 =	17) 646 + 893 =	18) 547 + 940 =	19) 225 + 819 =	20) 850 + 161 =	21) 506 + 775 =
22) 842 + 444 =	23) 733 + 613 =	24) 929 + 244 =	25) 553 + 694 =	26) 752 + 896 =	27) 154 + 147 =	28) 435 + 827 =
29) 933 + 105 =	30) 838 + 977 =	31) 502 + 918 =	32) 490 + 355 =	33) 382 + 769 =	34) 268 + 537 =	35) 120 + 495 =
36) 513 + 108 =	37) 978 + 824 =	38) 250 + 734 =	39) 741 + 759 =	40) 362 + 511 =	41) 962 + 761 =	42) 700 + 536 =
43) 100 + 314 =	44) 481 + 599 =	45) 559 + 719 =	46) 107 + 220 =	47) 980 + 872 =	48) 658 + 586 =	49) 385 + 587 =
50) 163 + 963 =	51) 445 + 492 =	52) 223 + 158 =	53) 281 + 744 =	54) 918 + 330 =	55) 895 + 700 =	56) 186 + 274 =
57) 742 + 427 =	58) 115 + 740 =	59) 319 + 953 =	60) 354 + 168 =	61) 388 + 667 =	62) 977 + 400 =	63) 488 + 393 =

Name:_____ Class:_____ Date:____/____/_____

Advanced Addition

Find the sum.

1) 9,735 + 9,851 =	2) 7,826 + 2,233 =	3) 6,922 + 7,230 =	4) 5,472 + 2,120 =	5) 5,247 + 8,562 =	6) 7,146 + 2,700 =
7) 6,220 + 3,266 =	8) 3,491 + 6,231 =	9) 7,549 + 6,810 =	10) 1,276 + 3,369 =	11) 4,722 + 6,564 =	12) 2,315 + 9,741 =
13) 7,887 + 5,306 =	14) 2,383 + 9,959 =	15) 1,452 + 4,912 =	16) 7,192 + 7,943 =	17) 5,339 + 8,654 =	18) 7,568 + 4,715 =
19) 4,845 + 1,939 =	20) 5,518 + 3,533 =	21) 7,026 + 6,577 =	22) 1,645 + 5,283 =	23) 1,698 + 2,932 =	24) 4,143 + 9,273 =
25) 7,602 + 3,831 =	26) 7,442 + 4,700 =	27) 2,595 + 4,660 =	28) 5,014 + 4,171 =	29) 8,536 + 8,084 =	30) 4,345 + 2,617 =
31) 5,847 + 5,512 =	32) 1,668 + 1,335 =	33) 2,370 + 9,203 =	34) 7,360 + 7,564 =	35) 5,697 + 8,775 =	36) 2,386 + 6,610 =
37) 2,291 + 7,742 =	38) 6,343 + 8,144 =	39) 5,919 + 7,031 =	40) 9,043 + 5,955 =	41) 2,163 + 3,109 =	42) 3,356 + 7,620 =
43) 7,470 + 3,492 =	44) 6,347 + 1,679 =	45) 4,640 + 4,396 =	46) 6,178 + 6,760 =	47) 7,593 + 3,902 =	48) 7,685 + 2,514 =
49) 5,909 + 1,310 =	50) 3,913 + 2,495 =	51) 5,571 + 6,578 =	52) 4,576 + 8,826 =	53) 2,445 + 1,832 =	54) 3,408 + 4,852 =

Name:_____ Class:_____ Date:____/____/_____

Advanced Division

Find the quotient.

1) $7\overline{)25}$	2) $7\overline{)51}$	3) $5\overline{)28}$	4) $9\overline{)61}$	5) $6\overline{)12}$	6) $6\overline{)79}$
7) $8\overline{)61}$	8) $4\overline{)73}$	9) $6\overline{)92}$	10) $9\overline{)14}$	11) $9\overline{)34}$	12) $3\overline{)81}$
13) $6\overline{)90}$	14) $4\overline{)95}$	15) $5\overline{)47}$	16) $5\overline{)69}$	17) $9\overline{)91}$	18) $3\overline{)29}$
19) $4\overline{)26}$	20) $2\overline{)58}$	21) $8\overline{)62}$	22) $6\overline{)38}$	23) $7\overline{)83}$	24) $5\overline{)91}$
25) $3\overline{)20}$	26) $6\overline{)76}$	27) $5\overline{)70}$	28) $5\overline{)12}$	29) $4\overline{)83}$	30) $7\overline{)77}$
31) $5\overline{)52}$	32) $8\overline{)55}$	33) $5\overline{)80}$	34) $7\overline{)62}$	35) $7\overline{)56}$	36) $8\overline{)17}$
37) $2\overline{)10}$	38) $6\overline{)34}$	39) $4\overline{)58}$	40) $4\overline{)41}$	41) $7\overline{)67}$	42) $5\overline{)19}$
43) $4\overline{)62}$	44) $6\overline{)77}$	45) $9\overline{)87}$	46) $9\overline{)31}$	47) $9\overline{)49}$	48) $4\overline{)60}$
49) $7\overline{)31}$	50) $6\overline{)78}$	51) $4\overline{)18}$	52) $6\overline{)81}$	53) $2\overline{)11}$	54) $7\overline{)52}$
55) $6\overline{)22}$	56) $7\overline{)79}$	57) $6\overline{)94}$	58) $9\overline{)11}$	59) $3\overline{)33}$	60) $7\overline{)19}$
61) $3\overline{)62}$	62) $3\overline{)46}$	63) $3\overline{)35}$	64) $2\overline{)50}$	65) $9\overline{)37}$	66) $9\overline{)54}$
67) $5\overline{)22}$	68) $7\overline{)84}$	69) $7\overline{)37}$	70) $3\overline{)75}$	71) $5\overline{)43}$	72) $7\overline{)21}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division

Find the quotient.

1) $6\overline{)835}$ 2) $6\overline{)918}$ 3) $7\overline{)805}$ 4) $4\overline{)52}$ 5) $7\overline{)144}$

6) $3\overline{)545}$ 7) $8\overline{)757}$ 8) $6\overline{)333}$ 9) $9\overline{)856}$ 10) $6\overline{)577}$

11) $6\overline{)287}$ 12) $5\overline{)926}$ 13) $4\overline{)588}$ 14) $8\overline{)663}$ 15) $8\overline{)540}$

16) $3\overline{)177}$ 17) $4\overline{)675}$ 18) $7\overline{)188}$ 19) $9\overline{)43}$ 20) $9\overline{)215}$

21) $10\overline{)76}$ 22) $5\overline{)377}$ 23) $4\overline{)196}$ 24) $2\overline{)602}$ 25) $10\overline{)349}$

26) $7\overline{)893}$ 27) $3\overline{)594}$ 28) $5\overline{)637}$ 29) $6\overline{)534}$ 30) $7\overline{)868}$

31) $5\overline{)921}$ 32) $5\overline{)719}$ 33) $6\overline{)485}$ 34) $6\overline{)428}$ 35) $7\overline{)534}$

36) $9\overline{)532}$ 37) $8\overline{)612}$ 38) $4\overline{)464}$ 39) $7\overline{)138}$ 40) $5\overline{)231}$

41) $7\overline{)632}$ 42) $7\overline{)354}$ 43) $6\overline{)897}$ 44) $6\overline{)491}$ 45) $9\overline{)651}$

46) $6\overline{)135}$ 47) $7\overline{)79}$ 48) $8\overline{)959}$ 49) $2\overline{)268}$ 50) $8\overline{)856}$

51) $3\overline{)771}$ 52) $7\overline{)490}$ 53) $10\overline{)425}$ 54) $9\overline{)57}$ 55) $5\overline{)680}$

56) $10\overline{)212}$ 57) $6\overline{)291}$ 58) $4\overline{)948}$ 59) $3\overline{)13}$ 60) $10\overline{)453}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - No Remainders

Find the quotient.

1) $3\overline{)24}$	2) $7\overline{)84}$	3) $7\overline{)56}$	4) $6\overline{)90}$	5) $10\overline{)90}$	6) $7\overline{)14}$	7) $7\overline{)56}$
8) $4\overline{)76}$	9) $2\overline{)38}$	10) $8\overline{)32}$	11) $4\overline{)80}$	12) $2\overline{)30}$	13) $5\overline{)90}$	14) $2\overline{)20}$
15) $9\overline{)45}$	16) $4\overline{)36}$	17) $10\overline{)80}$	18) $7\overline{)56}$	19) $6\overline{)66}$	20) $7\overline{)63}$	21) $4\overline{)64}$
22) $4\overline{)20}$	23) $5\overline{)80}$	24) $4\overline{)48}$	25) $3\overline{)63}$	26) $2\overline{)66}$	27) $6\overline{)48}$	28) $10\overline{)70}$
29) $8\overline{)88}$	30) $4\overline{)76}$	31) $9\overline{)54}$	32) $3\overline{)12}$	33) $9\overline{)72}$	34) $6\overline{)78}$	35) $3\overline{)18}$
36) $9\overline{)63}$	37) $7\overline{)42}$	38) $7\overline{)21}$	39) $2\overline{)18}$	40) $6\overline{)30}$	41) $9\overline{)90}$	42) $5\overline{)45}$
43) $4\overline{)32}$	44) $4\overline{)72}$	45) $6\overline{)30}$	46) $9\overline{)72}$	47) $5\overline{)70}$	48) $8\overline{)16}$	49) $2\overline{)28}$
50) $10\overline{)50}$	51) $9\overline{)63}$	52) $6\overline{)18}$	53) $8\overline{)48}$	54) $9\overline{)63}$	55) $3\overline{)42}$	56) $9\overline{)81}$
57) $4\overline{)56}$	58) $7\overline{)35}$	59) $7\overline{)42}$	60) $5\overline{)80}$	61) $6\overline{)18}$	62) $6\overline{)36}$	63) $8\overline{)40}$
64) $2\overline{)26}$	65) $5\overline{)50}$	66) $2\overline{)42}$	67) $4\overline{)52}$	68) $2\overline{)88}$	69) $10\overline{)80}$	70) $6\overline{)90}$
71) $3\overline{)90}$	72) $9\overline{)72}$	73) $6\overline{)36}$	74) $6\overline{)12}$	75) $6\overline{)42}$	76) $3\overline{)33}$	77) $3\overline{)87}$
78) $6\overline{)54}$	79) $8\overline{)16}$	80) $7\overline{)56}$	81) $10\overline{)40}$	82) $9\overline{)81}$	83) $4\overline{)44}$	84) $4\overline{)40}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - No Remainders

Find the quotient.

1) $6\overline{)126}$ 2) $3\overline{)510}$ 3) $4\overline{)392}$ 4) $10\overline{)690}$ 5) $6\overline{)432}$ 6) $8\overline{)992}$

7) $6\overline{)390}$ 8) $4\overline{)484}$ 9) $9\overline{)198}$ 10) $9\overline{)864}$ 11) $4\overline{)248}$ 12) $9\overline{)837}$

13) $7\overline{)469}$ 14) $5\overline{)850}$ 15) $4\overline{)256}$ 16) $10\overline{)490}$ 17) $8\overline{)856}$ 18) $9\overline{)99}$

19) $3\overline{)534}$ 20) $8\overline{)528}$ 21) $6\overline{)978}$ 22) $8\overline{)768}$ 23) $6\overline{)822}$ 24) $7\overline{)770}$

25) $4\overline{)608}$ 26) $7\overline{)994}$ 27) $6\overline{)516}$ 28) $8\overline{)832}$ 29) $6\overline{)702}$ 30) $7\overline{)756}$

31) $4\overline{)424}$ 32) $3\overline{)834}$ 33) $10\overline{)210}$ 34) $6\overline{)906}$ 35) $6\overline{)558}$ 36) $10\overline{)740}$

37) $2\overline{)414}$ 38) $7\overline{)889}$ 39) $2\overline{)588}$ 40) $10\overline{)180}$ 41) $4\overline{)912}$ 42) $9\overline{)864}$

43) $9\overline{)315}$ 44) $5\overline{)575}$ 45) $4\overline{)956}$ 46) $9\overline{)324}$ 47) $8\overline{)456}$ 48) $8\overline{)496}$

49) $7\overline{)728}$ 50) $8\overline{)712}$ 51) $4\overline{)616}$ 52) $2\overline{)216}$ 53) $2\overline{)608}$ 54) $5\overline{)330}$

55) $3\overline{)672}$ 56) $7\overline{)280}$ 57) $8\overline{)512}$ 58) $3\overline{)789}$ 59) $9\overline{)441}$ 60) $4\overline{)892}$

61) $7\overline{)518}$ 62) $4\overline{)636}$ 63) $8\overline{)328}$ 64) $6\overline{)612}$ 65) $3\overline{)648}$ 66) $9\overline{)945}$

67) $8\overline{)424}$ 68) $8\overline{)152}$ 69) $4\overline{)396}$ 70) $3\overline{)609}$ 71) $7\overline{)147}$ 72) $7\overline{)511}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - Remainders

Find the quotient.

1) $5\overline{)14}$	2) $7\overline{)46}$	3) $9\overline{)84}$	4) $8\overline{)39}$	5) $7\overline{)26}$	6) $8\overline{)32}$
7) $7\overline{)80}$	8) $6\overline{)90}$	9) $4\overline{)22}$	10) $9\overline{)57}$	11) $3\overline{)98}$	12) $8\overline{)83}$
13) $8\overline{)79}$	14) $8\overline{)30}$	15) $4\overline{)43}$	16) $3\overline{)45}$	17) $8\overline{)59}$	18) $7\overline{)72}$
19) $9\overline{)66}$	20) $7\overline{)42}$	21) $10\overline{)31}$	22) $3\overline{)95}$	23) $6\overline{)91}$	24) $6\overline{)58}$
25) $6\overline{)63}$	26) $6\overline{)96}$	27) $4\overline{)87}$	28) $9\overline{)27}$	29) $7\overline{)58}$	30) $3\overline{)87}$
31) $7\overline{)69}$	32) $10\overline{)42}$	33) $3\overline{)35}$	34) $2\overline{)23}$	35) $4\overline{)92}$	36) $5\overline{)92}$
37) $9\overline{)94}$	38) $2\overline{)69}$	39) $4\overline{)86}$	40) $9\overline{)22}$	41) $9\overline{)32}$	42) $5\overline{)33}$
43) $9\overline{)59}$	44) $10\overline{)16}$	45) $4\overline{)95}$	46) $7\overline{)98}$	47) $10\overline{)63}$	48) $8\overline{)84}$
49) $6\overline{)39}$	50) $4\overline{)60}$	51) $7\overline{)65}$	52) $10\overline{)60}$	53) $3\overline{)60}$	54) $9\overline{)68}$
55) $6\overline{)79}$	56) $9\overline{)85}$	57) $6\overline{)52}$	58) $5\overline{)75}$	59) $9\overline{)87}$	60) $3\overline{)55}$
61) $9\overline{)29}$	62) $2\overline{)89}$	63) $4\overline{)48}$	64) $3\overline{)89}$	65) $8\overline{)98}$	66) $9\overline{)26}$
67) $7\overline{)29}$	68) $4\overline{)40}$	69) $5\overline{)77}$	70) $4\overline{)25}$	71) $5\overline{)30}$	72) $3\overline{)49}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - Remainders

Find the quotient.

1) $4\overline{)554}$ 2) $8\overline{)115}$ 3) $3\overline{)230}$ 4) $6\overline{)714}$ 5) $6\overline{)344}$

6) $3\overline{)573}$ 7) $3\overline{)941}$ 8) $7\overline{)910}$ 9) $2\overline{)214}$ 10) $5\overline{)783}$

11) $7\overline{)268}$ 12) $8\overline{)722}$ 13) $9\overline{)132}$ 14) $2\overline{)263}$ 15) $6\overline{)500}$

16) $9\overline{)159}$ 17) $8\overline{)383}$ 18) $2\overline{)534}$ 19) $7\overline{)869}$ 20) $5\overline{)442}$

21) $5\overline{)318}$ 22) $8\overline{)480}$ 23) $7\overline{)259}$ 24) $3\overline{)882}$ 25) $6\overline{)228}$

26) $8\overline{)420}$ 27) $7\overline{)269}$ 28) $9\overline{)200}$ 29) $4\overline{)583}$ 30) $4\overline{)794}$

31) $7\overline{)946}$ 32) $8\overline{)148}$ 33) $7\overline{)486}$ 34) $3\overline{)791}$ 35) $9\overline{)701}$

36) $6\overline{)765}$ 37) $5\overline{)706}$ 38) $9\overline{)237}$ 39) $10\overline{)275}$ 40) $5\overline{)630}$

41) $2\overline{)127}$ 42) $9\overline{)900}$ 43) $4\overline{)230}$ 44) $8\overline{)707}$ 45) $7\overline{)696}$

46) $7\overline{)518}$ 47) $3\overline{)854}$ 48) $7\overline{)521}$ 49) $7\overline{)385}$ 50) $6\overline{)377}$

51) $8\overline{)869}$ 52) $4\overline{)516}$ 53) $9\overline{)804}$ 54) $9\overline{)174}$ 55) $4\overline{)492}$

56) $7\overline{)723}$ 57) $5\overline{)694}$ 58) $9\overline{)293}$ 59) $3\overline{)785}$ 60) $3\overline{)661}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - Selected Divisors

Find the product.

1) $10\overline{)430}$ 2) $60\overline{)240}$ 3) $2\overline{)166}$ 4) $15\overline{)780}$ 5) $20\overline{)900}$ 6) $50\overline{)750}$

7) $6\overline{)102}$ 8) $10\overline{)560}$ 9) $25\overline{)650}$ 10) $40\overline{)280}$ 11) $9\overline{)882}$ 12) $12\overline{)936}$

13) $12\overline{)516}$ 14) $3\overline{)579}$ 15) $75\overline{)975}$ 16) $75\overline{)600}$ 17) $12\overline{)276}$ 18) $25\overline{)575}$

19) $15\overline{)420}$ 20) $100\overline{)500}$ 21) $10\overline{)580}$ 22) $25\overline{)700}$ 23) $15\overline{)660}$ 24) $3\overline{)459}$

25) $40\overline{)480}$ 26) $60\overline{)660}$ 27) $100\overline{)100}$ 28) $75\overline{)675}$ 29) $10\overline{)640}$ 30) $50\overline{)900}$

31) $3\overline{)393}$ 32) $8\overline{)744}$ 33) $6\overline{)594}$ 34) $9\overline{)495}$ 35) $8\overline{)736}$ 36) $11\overline{)418}$

37) $3\overline{)792}$ 38) $75\overline{)225}$ 39) $30\overline{)540}$ 40) $50\overline{)500}$ 41) $3\overline{)606}$ 42) $7\overline{)238}$

43) $7\overline{)322}$ 44) $15\overline{)150}$ 45) $11\overline{)979}$ 46) $7\overline{)665}$ 47) $6\overline{)210}$ 48) $30\overline{)840}$

49) $3\overline{)681}$ 50) $100\overline{)800}$ 51) $6\overline{)708}$ 52) $2\overline{)834}$ 53) $60\overline{)960}$ 54) $10\overline{)180}$

55) $9\overline{)450}$ 56) $30\overline{)120}$ 57) $8\overline{)864}$ 58) $60\overline{)720}$ 59) $6\overline{)642}$ 60) $7\overline{)896}$

61) $10\overline{)410}$ 62) $20\overline{)620}$ 63) $5\overline{)790}$ 64) $9\overline{)963}$ 65) $50\overline{)800}$ 66) $9\overline{)891}$

67) $11\overline{)473}$ 68) $11\overline{)110}$ 69) $12\overline{)444}$ 70) $3\overline{)642}$ 71) $9\overline{)549}$ 72) $20\overline{)720}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication

Find the product.

1) 9 × 9 = ____	2) 3 × 8 = ____	3) 8 × 7 = ____	4) 6 × 9 = ____	5) 5 × 4 = ____	6) 6 × 5 = ____	7) 8 × 3 = ____	8) 10 × 5 = ____
9) 3 × 3 = ____	10) 9 × 5 = ____	11) 7 × 8 = ____	12) 6 × 3 = ____	13) 9 × 10 = ____	14) 4 × 5 = ____	15) 7 × 7 = ____	16) 8 × 10 = ____
17) 2 × 5 = ____	18) 5 × 6 = ____	19) 7 × 4 = ____	20) 10 × 4 = ____	21) 2 × 4 = ____	22) 10 × 9 = ____	23) 8 × 2 = ____	24) 7 × 6 = ____
25) 4 × 6 = ____	26) 4 × 8 = ____	27) 8 × 6 = ____	28) 8 × 9 = ____	29) 7 × 10 = ____	30) 10 × 6 = ____	31) 10 × 3 = ____	32) 3 × 7 = ____
33) 10 × 2 = ____	34) 6 × 7 = ____	35) 9 × 3 = ____	36) 9 × 4 = ____	37) 8 × 5 = ____	38) 9 × 8 = ____	39) 3 × 9 = ____	40) 7 × 3 = ____
41) 5 × 10 = ____	42) 6 × 2 = ____	43) 5 × 3 = ____	44) 2 × 3 = ____	45) 3 × 4 = ____	46) 9 × 6 = ____	47) 5 × 9 = ____	48) 10 × 10 = ____
49) 7 × 9 = ____	50) 9 × 7 = ____	51) 4 × 4 = ____	52) 8 × 8 = ____	53) 3 × 10 = ____	54) 3 × 2 = ____	55) 6 × 8 = ____	56) 4 × 2 = ____
57) 6 × 4 = ____	58) 4 × 7 = ____	59) 6 × 6 = ____	60) 4 × 9 = ____	61) 2 × 7 = ____	62) 4 × 3 = ____	63) 10 × 7 = ____	64) 7 × 2 = ____
65) 5 × 8 = ____	66) 3 × 5 = ____	67) 5 × 7 = ____	68) 2 × 6 = ____	69) 2 × 9 = ____	70) 2 × 8 = ____	71) 4 × 10 = ____	72) 10 × 8 = ____

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication

Find the product.

1) 23 × 4 =	2) 27 × 8 =	3) 78 × 4 =	4) 35 × 6 =	5) 52 × 5 =	6) 49 × 5 =	7) 34 × 5 =	8) 51 × 3 =
9) 27 × 5 =	10) 74 × 8 =	11) 59 × 5 =	12) 54 × 8 =	13) 99 × 4 =	14) 75 × 9 =	15) 95 × 10 =	16) 77 × 8 =
17) 90 × 10 =	18) 79 × 5 =	19) 58 × 7 =	20) 71 × 3 =	21) 40 × 8 =	22) 94 × 7 =	23) 37 × 5 =	24) 79 × 9 =
25) 38 × 6 =	26) 97 × 5 =	27) 21 × 7 =	28) 88 × 4 =	29) 77 × 6 =	30) 61 × 4 =	31) 43 × 9 =	32) 53 × 5 =
33) 76 × 5 =	34) 64 × 5 =	35) 55 × 8 =	36) 92 × 3 =	37) 26 × 5 =	38) 34 × 8 =	39) 89 × 4 =	40) 20 × 4 =
41) 31 × 4 =	42) 44 × 6 =	43) 98 × 5 =	44) 79 × 4 =	45) 31 × 5 =	46) 72 × 10 =	47) 28 × 5 =	48) 88 × 5 =
49) 98 × 8 =	50) 57 × 6 =	51) 65 × 9 =	52) 45 × 7 =	53) 56 × 3 =	54) 56 × 5 =	55) 34 × 2 =	56) 64 × 9 =
57) 55 × 5 =	58) 75 × 4 =	59) 40 × 2 =	60) 27 × 9 =	61) 60 × 8 =	62) 47 × 4 =	63) 85 × 9 =	64) 93 × 3 =
65) 21 × 3 =	66) 84 × 10 =	67) 57 × 9 =	68) 33 × 9 =	69) 87 × 5 =	70) 25 × 7 =	71) 29 × 6 =	72) 27 × 6 =

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication

Find the product.

1) 302 × 3	2) 918 × 9	3) 486 × 9	4) 214 × 6	5) 385 × 3	6) 257 × 6	7) 496 × 6
8) 786 × 7	9) 307 × 7	10) 168 × 2	11) 445 × 4	12) 970 × 5	13) 245 × 8	14) 392 × 9
15) 622 × 6	16) 503 × 5	17) 265 × 9	18) 314 × 5	19) 573 × 4	20) 657 × 4	21) 663 × 2
22) 233 × 4	23) 642 × 6	24) 703 × 7	25) 255 × 4	26) 269 × 5	27) 586 × 9	28) 373 × 2
29) 255 × 6	30) 706 × 8	31) 549 × 4	32) 921 × 8	33) 693 × 9	34) 386 × 6	35) 283 × 5
36) 243 × 2	37) 133 × 9	38) 476 × 5	39) 159 × 8	40) 840 × 7	41) 142 × 7	42) 689 × 4
43) 387 × 3	44) 826 × 4	45) 646 × 4	46) 324 × 2	47) 598 × 9	48) 761 × 5	49) 184 × 5
50) 581 × 8	51) 284 × 3	52) 496 × 9	53) 221 × 3	54) 406 × 8	55) 516 × 9	56) 950 × 5
57) 695 × 2	58) 697 × 9	59) 678 × 7	60) 541 × 7	61) 117 × 2	62) 929 × 10	63) 182 × 3

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication - Selected Multipliers

Find the product.

1) 9 × 75 = ____
2) 9 × 3 = ____
3) 10 × 11 = ____
4) 10 × 4 = ____
5) 7 × 75 = ____
6) 5 × 20 = ____
7) 9 × 30 = ____
8) 9 × 100 = ____
9) 8 × 50 = ____
10) 6 × 12 = ____
11) 3 × 4 = ____
12) 2 × 50 = ____
13) 7 × 50 = ____
14) 3 × 25 = ____
15) 8 × 3 = ____
16) 5 × 8 = ____
17) 6 × 20 = ____
18) 4 × 30 = ____
19) 6 × 4 = ____
20) 5 × 10 = ____
21) 2 × 6 = ____
22) 6 × 25 = ____
23) 9 × 5 = ____
24) 6 × 5 = ____
25) 5 × 60 = ____
26) 4 × 75 = ____
27) 7 × 11 = ____
28) 7 × 10 = ____
29) 5 × 11 = ____
30) 4 × 8 = ____
31) 8 × 11 = ____
32) 10 × 5 = ____
33) 4 × 11 = ____
34) 5 × 12 = ____
35) 10 × 30 = ____
36) 3 × 2 = ____
37) 4 × 50 = ____
38) 4 × 100 = ____
39) 8 × 4 = ____
40) 9 × 4 = ____
41) 3 × 50 = ____
42) 4 × 12 = ____
43) 2 × 25 = ____
44) 4 × 60 = ____
45) 5 × 30 = ____
46) 6 × 2 = ____
47) 7 × 30 = ____
48) 3 × 10 = ____
49) 10 × 3 = ____
50) 5 × 3 = ____
51) 5 × 25 = ____
52) 10 × 8 = ____
53) 6 × 7 = ____
54) 8 × 30 = ____
55) 3 × 12 = ____
56) 5 × 5 = ____
57) 6 × 60 = ____
58) 3 × 3 = ____
59) 5 × 2 = ____
60) 4 × 5 = ____
61) 4 × 9 = ____
62) 6 × 6 = ____
63) 5 × 40 = ____

Name:_____ Class:_____ Date:____/____/_____

Advanced Subtraction

Find the difference.

1) 44 − 41 =	2) 11 − 11 =	3) 71 − 19 =	4) 76 − 13 =	5) 66 − 13 =	6) 68 − 68 =	7) 97 − 31 =	8) 97 − 93 =
9) 77 − 20 =	10) 87 − 32 =	11) 78 − 45 =	12) 97 − 33 =	13) 44 − 13 =	14) 77 − 63 =	15) 90 − 56 =	16) 40 − 36 =
17) 74 − 27 =	18) 34 − 12 =	19) 80 − 60 =	20) 89 − 11 =	21) 43 − 24 =	22) 68 − 64 =	23) 33 − 14 =	24) 51 − 20 =
25) 92 − 75 =	26) 54 − 16 =	27) 90 − 43 =	28) 74 − 40 =	29) 43 − 19 =	30) 90 − 75 =	31) 93 − 30 =	32) 45 − 31 =
33) 70 − 45 =	34) 54 − 27 =	35) 23 − 18 =	36) 45 − 17 =	37) 27 − 27 =	38) 69 − 27 =	39) 84 − 10 =	40) 91 − 81 =
41) 50 − 15 =	42) 34 − 22 =	43) 77 − 70 =	44) 80 − 14 =	45) 65 − 23 =	46) 83 − 33 =	47) 47 − 29 =	48) 87 − 16 =
49) 20 − 16 =	50) 79 − 25 =	51) 74 − 57 =	52) 77 − 43 =	53) 79 − 43 =	54) 53 − 42 =	55) 61 − 37 =	56) 45 − 42 =
57) 98 − 80 =	58) 91 − 84 =	59) 94 − 24 =	60) 86 − 22 =	61) 90 − 38 =	62) 45 − 18 =	63) 87 − 47 =	64) 75 − 55 =
65) 88 − 14 =	66) 24 − 19 =	67) 56 − 33 =	68) 40 − 21 =	69) 45 − 12 =	70) 59 − 29 =	71) 50 − 22 =	72) 53 − 25 =

Name:_____ Class:_____ Date:____/____/_____

Advanced Subtraction

Find the difference.

1) 685 − 586 = ____	2) 346 − 161 = ____	3) 750 − 682 = ____	4) 995 − 523 = ____	5) 779 − 239 = ____	6) 354 − 312 = ____	7) 450 − 128 = ____
8) 963 − 480 = ____	9) 924 − 239 = ____	10) 750 − 335 = ____	11) 874 − 416 = ____	12) 900 − 706 = ____	13) 221 − 114 = ____	14) 923 − 326 = ____
15) 586 − 401 = ____	16) 678 − 422 = ____	17) 919 − 330 = ____	18) 403 − 180 = ____	19) 590 − 544 = ____	20) 521 − 321 = ____	21) 693 − 227 = ____
22) 597 − 266 = ____	23) 788 − 608 = ____	24) 756 − 613 = ____	25) 801 − 603 = ____	26) 553 − 396 = ____	27) 880 − 457 = ____	28) 958 − 408 = ____
29) 838 − 792 = ____	30) 732 − 123 = ____	31) 857 − 794 = ____	32) 825 − 352 = ____	33) 851 − 371 = ____	34) 811 − 376 = ____	35) 800 − 642 = ____
36) 672 − 301 = ____	37) 780 − 444 = ____	38) 911 − 204 = ____	39) 498 − 180 = ____	40) 570 − 219 = ____	41) 696 − 594 = ____	42) 835 − 604 = ____
43) 656 − 416 = ____	44) 538 − 491 = ____	45) 707 − 215 = ____	46) 889 − 607 = ____	47) 807 − 708 = ____	48) 987 − 176 = ____	49) 244 − 168 = ____
50) 573 − 118 = ____	51) 730 − 676 = ____	52) 904 − 375 = ____	53) 667 − 276 = ____	54) 787 − 328 = ____	55) 576 − 572 = ____	56) 501 − 480 = ____
57) 876 − 450 = ____	58) 286 − 106 = ____	59) 922 − 554 = ____	60) 538 − 189 = ____	61) 191 − 189 = ____	62) 786 − 227 = ____	63) 616 − 580 = ____

Name:_____ Class:_____ Date:____/____/_____

Mixed Advanced Operations

Complete the operations.

1) 355 + 950 = _____

2) 943 × 4 = _____

3) 977 − 736 = _____

4) 304 × 3 = _____

5) 284 + 651 = _____

6) 442 × 7 = _____

7) 8) 739 = _____

8) 563 − 530 = _____

9) 851 + 143 = _____

10) 296 + 539 = _____

11) 988 − 265 = _____

12) 3) 677 = _____

13) 267 + 431 = _____

14) 861 + 908 = _____

15) 776 − 400 = _____

16) 267 − 189 = _____

17) 8) 838 = _____

18) 4) 837 = _____

19) 3) 108 = _____

20) 8) 634 = _____

21) 917 − 453 = _____

22) 7) 239 = _____

23) 915 − 183 = _____

24) 346 × 4 = _____

25) 939 − 864 = _____

26) 585 − 392 = _____

27) 160 + 428 = _____

28) 9) 660 = _____

29) 561 − 530 = _____

30) 830 + 770 = _____

31) 199 + 293 = _____

32) 361 + 220 = _____

33) 986 + 513 = _____

34) 258 − 213 = _____

35) 465 + 891 = _____

36) 5) 308 = _____

37) 973 × 3 = _____

38) 4) 595 = _____

39) 838 × 8 = _____

40) 10) 417 = _____

41) 722 × 9 = _____

42) 796 × 4 = _____

43) 232 × 9 = _____

44) 521 × 5 = _____

45) 231 × 6 = _____

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	69	2)	65	3)	29	4)	64	5)	50	6)	82	7)	36	8)	53
	67		28		11		39		62		30		31		54
	+ 25		+ 35		+ 37		+ 69		+ 48		+ 80		+ 75		+ 77
	_____		_____		_____		_____		_____		_____		_____		_____
9)	18	10)	77	11)	88	12)	71	13)	96	14)	65	15)	37	16)	74
	79		88		42		95		30		51		13		15
	+ 98		+ 25		+ 92		+ 24		+ 80		+ 31		+ 76		+ 40
	_____		_____		_____		_____		_____		_____		_____		_____
17)	55	18)	89	19)	82	20)	47	21)	36	22)	21	23)	76	24)	35
	76		64		26		57		52		75		78		85
	+ 53		+ 75		+ 22		+ 48		+ 22		+ 96		+ 67		+ 99
	_____		_____		_____		_____		_____		_____		_____		_____
25)	99	26)	54	27)	10	28)	68	29)	72	30)	27	31)	11	32)	41
	70		25		44		32		98		88		59		38
	+ 79		+ 51		+ 73		+ 22		+ 77		+ 78		+ 73		+ 99
	_____		_____		_____		_____		_____		_____		_____		_____
33)	19	34)	79	35)	72	36)	53	37)	95	38)	70	39)	74	40)	10
	26		97		30		90		38		47		67		49
	+ 37		+ 36		+ 90		+ 92		+ 11		+ 23		+ 30		+ 76
	_____		_____		_____		_____		_____		_____		_____		_____
41)	29	42)	88	43)	36	44)	80	45)	24	46)	47	47)	30	48)	83
	59		33		67		45		30		96		29		31
	+ 89		+ 36		+ 42		+ 99		+ 46		+ 12		+ 18		+ 60
	_____		_____		_____		_____		_____		_____		_____		_____
49)	77	50)	60	51)	79	52)	60	53)	46	54)	65	55)	61	56)	11
	40		66		18		60		83		27		26		56
	+ 22		+ 71		+ 76		+ 48		+ 96		+ 32		+ 92		+ 26
	_____		_____		_____		_____		_____		_____		_____		_____

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	59	2)	12	3)	27	4)	37	5)	87	6)	41	7)	98	8)	97
	78		76		88		58		79		70		62		27
	20		80		75		58		62		50		96		90
	+ 51		+ 75		+ 75		+ 40		+ 84		+ 23		+ 17		+ 51
	_____		_____		_____		_____		_____		_____		_____		_____
9)	14	10)	29	11)	91	12)	56	13)	39	14)	21	15)	38	16)	79
	22		45		87		82		19		79		96		73
	64		43		19		77		79		54		52		77
	+ 85		+ 82		+ 24		+ 30		+ 93		+ 87		+ 49		+ 10
	_____		_____		_____		_____		_____		_____		_____		_____
17)	97	18)	92	19)	46	20)	61	21)	84	22)	47	23)	67	24)	93
	34		71		79		36		76		96		76		93
	71		21		92		66		77		40		57		13
	+ 25		+ 52		+ 53		+ 26		+ 88		+ 34		+ 32		+ 27
	_____		_____		_____		_____		_____		_____		_____		_____
25)	20	26)	21	27)	97	28)	86	29)	41	30)	95	31)	94	32)	24
	18		62		37		12		36		88		47		88
	26		37		56		36		64		62		57		58
	+ 32		+ 67		+ 42		+ 12		+ 13		+ 10		+ 27		+ 52
	_____		_____		_____		_____		_____		_____		_____		_____
33)	76	34)	20	35)	49	36)	50	37)	50	38)	38	39)	55	40)	15
	75		44		20		97		55		10		26		20
	42		15		90		47		90		31		37		52
	+ 53		+ 32		+ 20		+ 65		+ 67		+ 32		+ 73		+ 19
	_____		_____		_____		_____		_____		_____		_____		_____
41)	78	42)	69	43)	30	44)	97	45)	99	46)	97	47)	53	48)	17
	14		82		42		52		91		90		21		42
	65		92		63		60		76		24		97		27
	+ 21		+ 96		+ 85		+ 96		+ 69		+ 76		+ 93		+ 39
	_____		_____		_____		_____		_____		_____		_____		_____

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	15	2)	31	3)	50	4)	17	5)	18	6)	93	7)	87	8)	50
	52		44		49		48		85		84		80		13
	55		49		27		80		40		49		98		50
	95		74		10		87		42		42		98		49
	+ 20		+ 60		+ 62		+ 94		+ 92		+ 25		+ 43		+ 85
	_____		_____		_____		_____		_____		_____		_____		_____

9)	78	10)	30	11)	81	12)	29	13)	46	14)	69	15)	13	16)	84
	34		91		10		21		94		50		97		65
	30		26		86		23		16		28		42		70
	69		25		46		13		59		66		13		98
	+ 42		+ 79		+ 81		+ 26		+ 71		+ 23		+ 26		+ 72
	_____		_____		_____		_____		_____		_____		_____		_____

17)	12	18)	87	19)	38	20)	83	21)	79	22)	84	23)	63	24)	77
	68		93		89		27		73		68		50		70
	34		61		47		69		58		84		24		53
	62		27		33		97		12		30		39		27
	+ 43		+ 24		+ 48		+ 72		+ 76		+ 96		+ 25		+ 84
	_____		_____		_____		_____		_____		_____		_____		_____

25)	75	26)	23	27)	66	28)	37	29)	29	30)	87	31)	23	32)	90
	88		59		94		19		19		75		73		73
	11		19		72		32		41		18		53		16
	53		63		36		85		30		18		23		28
	+ 83		+ 42		+ 93		+ 58		+ 59		+ 70		+ 96		+ 62
	_____		_____		_____		_____		_____		_____		_____		_____

33)	34	34)	68	35)	68	36)	66	37)	47	38)	92	39)	63	40)	70
	58		78		48		57		51		52		14		88
	30		86		67		79		11		59		15		54
	87		46		68		92		92		40		33		90
	+ 40		+ 86		+ 64		+ 96		+ 30		+ 13		+ 34		+ 90
	_____		_____		_____		_____		_____		_____		_____		_____

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1) 523 + 301 + 681 = ____	2) 307 + 894 + 129 = ____	3) 272 + 342 + 109 = ____	4) 308 + 972 + 662 = ____	5) 709 + 692 + 702 = ____	6) 715 + 435 + 471 = ____	7) 304 + 332 + 941 = ____
8) 786 + 261 + 792 = ____	9) 783 + 164 + 778 = ____	10) 637 + 851 + 326 = ____	11) 198 + 523 + 215 = ____	12) 336 + 341 + 301 = ____	13) 725 + 753 + 808 = ____	14) 513 + 803 + 753 = ____
15) 864 + 618 + 430 = ____	16) 238 + 783 + 371 = ____	17) 135 + 382 + 472 = ____	18) 845 + 596 + 307 = ____	19) 146 + 736 + 141 = ____	20) 887 + 524 + 831 = ____	21) 350 + 634 + 490 = ____
22) 782 + 211 + 549 = ____	23) 547 + 474 + 450 = ____	24) 501 + 989 + 681 = ____	25) 662 + 790 + 528 = ____	26) 287 + 921 + 641 = ____	27) 462 + 645 + 379 = ____	28) 508 + 602 + 569 = ____
29) 853 + 351 + 926 = ____	30) 907 + 290 + 605 = ____	31) 260 + 837 + 329 = ____	32) 976 + 263 + 270 = ____	33) 363 + 182 + 508 = ____	34) 880 + 689 + 410 = ____	35) 919 + 633 + 392 = ____
36) 790 + 283 + 804 = ____	37) 778 + 858 + 813 = ____	38) 498 + 525 + 878 = ____	39) 552 + 841 + 132 = ____	40) 920 + 927 + 858 = ____	41) 622 + 639 + 284 = ____	42) 845 + 341 + 252 = ____
43) 452 + 685 + 627 = ____	44) 359 + 924 + 839 = ____	45) 233 + 581 + 955 = ____	46) 969 + 587 + 967 = ____	47) 277 + 163 + 169 = ____	48) 222 + 229 + 431 = ____	49) 791 + 761 + 412 = ____

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1) 121 153 583 + 830 _____	2) 925 938 110 + 799 _____	3) 371 635 652 + 286 _____	4) 829 379 524 + 178 _____	5) 352 608 538 + 777 _____	6) 692 553 495 + 382 _____	7) 471 600 309 + 236 _____
8) 758 498 861 + 588 _____	9) 671 394 256 + 457 _____	10) 867 287 849 + 249 _____	11) 365 574 485 + 910 _____	12) 266 924 805 + 500 _____	13) 533 453 301 + 716 _____	14) 298 718 913 + 567 _____
15) 657 301 459 + 425 _____	16) 728 873 141 + 873 _____	17) 773 164 613 + 535 _____	18) 223 166 309 + 165 _____	19) 758 389 512 + 218 _____	20) 168 584 217 + 546 _____	21) 794 809 702 + 405 _____
22) 296 245 390 + 952 _____	23) 480 689 800 + 667 _____	24) 828 524 520 + 490 _____	25) 533 612 237 + 201 _____	26) 411 370 377 + 467 _____	27) 244 237 957 + 908 _____	28) 306 795 498 + 173 _____
29) 184 912 630 + 918 _____	30) 271 734 676 + 628 _____	31) 774 660 154 + 533 _____	32) 365 641 336 + 334 _____	33) 868 122 683 + 556 _____	34) 447 116 235 + 524 _____	35) 532 335 261 + 160 _____
36) 288 481 747 + 684 _____	37) 290 727 583 + 915 _____	38) 893 600 319 + 798 _____	39) 934 608 427 + 750 _____	40) 316 843 201 + 602 _____	41) 899 722 140 + 284 _____	42) 212 942 725 + 168 _____

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	337	2)	375	3)	596	4)	948	5)	584	6)	220	7)	544
	726		739		522		578		731		113		482
	819		803		831		949		808		428		319
	384		608		580		105		252		183		294
	+ 551		+ 291		+ 864		+ 215		+ 434		+ 607		+ 134
	_____		_____		_____		_____		_____		_____		_____

8)	480	9)	203	10)	868	11)	391	12)	604	13)	362	14)	214
	537		116		961		258		917		411		303
	931		122		858		551		667		720		636
	405		534		586		117		950		102		546
	+ 607		+ 342		+ 199		+ 983		+ 431		+ 746		+ 484
	_____		_____		_____		_____		_____		_____		_____

15)	511	16)	569	17)	258	18)	386	19)	562	20)	791	21)	664
	646		710		254		930		869		395		425
	644		374		842		302		981		120		412
	497		909		983		311		973		787		201
	+ 112		+ 565		+ 315		+ 529		+ 345		+ 228		+ 687
	_____		_____		_____		_____		_____		_____		_____

22)	745	23)	894	24)	208	25)	283	26)	642	27)	274	28)	832
	613		643		568		101		664		690		842
	154		757		736		426		670		586		740
	105		484		785		117		252		781		396
	+ 514		+ 273		+ 460		+ 922		+ 320		+ 900		+ 570
	_____		_____		_____		_____		_____		_____		_____

29)	772	30)	917	31)	323	32)	663	33)	181	34)	304	35)	366
	876		212		658		998		942		157		827
	298		596		334		394		901		975		440
	796		801		427		278		784		583		316
	+ 634		+ 236		+ 944		+ 145		+ 340		+ 440		+ 687
	_____		_____		_____		_____		_____		_____		_____

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 80 × 10 =	2) 34 × 10 =	3) 36 × 10 =	4) 12 × 10 =	5) 84 × 10 =	6) 45 × 10 =	7) 70 × 10 =	8) 90 × 10 =
9) 87 × 10 =	10) 62 × 10 =	11) 58 × 10 =	12) 33 × 10 =	13) 98 × 10 =	14) 61 × 10 =	15) 48 × 10 =	16) 53 × 10 =
17) 92 × 10 =	18) 66 × 10 =	19) 88 × 10 =	20) 32 × 10 =	21) 63 × 10 =	22) 40 × 10 =	23) 10 × 10 =	24) 49 × 10 =
25) 25 × 10 =	26) 47 × 10 =	27) 38 × 10 =	28) 97 × 10 =	29) 96 × 10 =	30) 37 × 10 =	31) 72 × 10 =	32) 27 × 10 =
33) 51 × 10 =	34) 24 × 10 =	35) 35 × 10 =	36) 93 × 10 =	37) 76 × 10 =	38) 18 × 10 =	39) 20 × 10 =	40) 64 × 10 =
41) 69 × 10 =	42) 15 × 10 =	43) 44 × 10 =	44) 22 × 10 =	45) 94 × 10 =	46) 26 × 10 =	47) 30 × 10 =	48) 46 × 10 =
49) 85 × 10 =	50) 41 × 10 =	51) 11 × 10 =	52) 16 × 10 =	53) 17 × 10 =	54) 42 × 10 =	55) 28 × 10 =	56) 89 × 10 =
57) 81 × 10 =	58) 57 × 10 =	59) 79 × 10 =	60) 23 × 10 =	61) 67 × 10 =	62) 95 × 10 =	63) 39 × 10 =	64) 29 × 10 =
65) 50 × 10 =	66) 78 × 10 =	67) 56 × 10 =	68) 68 × 10 =	69) 21 × 10 =	70) 43 × 10 =	71) 73 × 10 =	72) 52 × 10 =

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Powers of Ten

Find the product.

1) 78 × 100 =	2) 62 × 100 =	3) 16 × 100 =	4) 91 × 100 =	5) 24 × 100 =	6) 71 × 100 =	7) 11 × 100 =
8) 64 × 100 =	9) 25 × 100 =	10) 19 × 100 =	11) 80 × 100 =	12) 28 × 100 =	13) 47 × 100 =	14) 30 × 100 =
15) 29 × 100 =	16) 22 × 100 =	17) 96 × 100 =	18) 36 × 100 =	19) 41 × 100 =	20) 93 × 100 =	21) 89 × 100 =
22) 34 × 100 =	23) 77 × 100 =	24) 67 × 100 =	25) 76 × 100 =	26) 46 × 100 =	27) 88 × 100 =	28) 54 × 100 =
29) 38 × 100 =	30) 79 × 100 =	31) 68 × 100 =	32) 55 × 100 =	33) 66 × 100 =	34) 69 × 100 =	35) 95 × 100 =
36) 43 × 100 =	37) 87 × 100 =	38) 65 × 100 =	39) 37 × 100 =	40) 90 × 100 =	41) 32 × 100 =	42) 13 × 100 =
43) 26 × 100 =	44) 70 × 100 =	45) 84 × 100 =	46) 81 × 100 =	47) 83 × 100 =	48) 56 × 100 =	49) 21 × 100 =
50) 60 × 100 =	51) 74 × 100 =	52) 53 × 100 =	53) 35 × 100 =	54) 48 × 100 =	55) 51 × 100 =	56) 45 × 100 =
57) 94 × 100 =	58) 52 × 100 =	59) 31 × 100 =	60) 39 × 100 =	61) 58 × 100 =	62) 57 × 100 =	63) 50 × 100 =

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Powers of Ten

Find the product.

1) 18 × 1,000 = _____	2) 23 × 1,000 = _____	3) 17 × 1,000 = _____	4) 72 × 1,000 = _____	5) 28 × 1,000 = _____	6) 94 × 1,000 = _____
7) 16 × 1,000 = _____	8) 79 × 1,000 = _____	9) 45 × 1,000 = _____	10) 10 × 1,000 = _____	11) 27 × 1,000 = _____	12) 20 × 1,000 = _____
13) 88 × 1,000 = _____	14) 32 × 1,000 = _____	15) 22 × 1,000 = _____	16) 86 × 1,000 = _____	17) 19 × 1,000 = _____	18) 65 × 1,000 = _____
19) 83 × 1,000 = _____	20) 15 × 1,000 = _____	21) 12 × 1,000 = _____	22) 98 × 1,000 = _____	23) 42 × 1,000 = _____	24) 47 × 1,000 = _____
25) 71 × 1,000 = _____	26) 93 × 1,000 = _____	27) 77 × 1,000 = _____	28) 33 × 1,000 = _____	29) 38 × 1,000 = _____	30) 81 × 1,000 = _____
31) 53 × 1,000 = _____	32) 25 × 1,000 = _____	33) 84 × 1,000 = _____	34) 31 × 1,000 = _____	35) 55 × 1,000 = _____	36) 30 × 1,000 = _____
37) 92 × 1,000 = _____	38) 97 × 1,000 = _____	39) 66 × 1,000 = _____	40) 69 × 1,000 = _____	41) 57 × 1,000 = _____	42) 34 × 1,000 = _____
43) 24 × 1,000 = _____	44) 40 × 1,000 = _____	45) 80 × 1,000 = _____	46) 21 × 1,000 = _____	47) 91 × 1,000 = _____	48) 67 × 1,000 = _____
49) 49 × 1,000 = _____	50) 82 × 1,000 = _____	51) 96 × 1,000 = _____	52) 60 × 1,000 = _____	53) 78 × 1,000 = _____	54) 44 × 1,000 = _____

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Powers of Ten

Find the product.

1) 27 × 0.1 =	2) 51 × 0.1 =	3) 37 × 0.1 =	4) 86 × 0.1 =	5) 71 × 0.1 =	6) 92 × 0.1 =	7) 65 × 0.1 =	8) 70 × 0.1 =
9) 75 × 0.1 =	10) 99 × 0.1 =	11) 55 × 0.1 =	12) 80 × 0.1 =	13) 97 × 0.1 =	14) 39 × 0.1 =	15) 36 × 0.1 =	16) 16 × 0.1 =
17) 53 × 0.1 =	18) 23 × 0.1 =	19) 54 × 0.1 =	20) 57 × 0.1 =	21) 26 × 0.1 =	22) 77 × 0.1 =	23) 98 × 0.1 =	24) 29 × 0.1 =
25) 90 × 0.1 =	26) 96 × 0.1 =	27) 43 × 0.1 =	28) 38 × 0.1 =	29) 60 × 0.1 =	30) 72 × 0.1 =	31) 81 × 0.1 =	32) 58 × 0.1 =
33) 95 × 0.1 =	34) 94 × 0.1 =	35) 11 × 0.1 =	36) 15 × 0.1 =	37) 64 × 0.1 =	38) 10 × 0.1 =	39) 66 × 0.1 =	40) 32 × 0.1 =
41) 56 × 0.1 =	42) 73 × 0.1 =	43) 67 × 0.1 =	44) 28 × 0.1 =	45) 47 × 0.1 =	46) 49 × 0.1 =	47) 13 × 0.1 =	48) 17 × 0.1 =
49) 41 × 0.1 =	50) 78 × 0.1 =	51) 59 × 0.1 =	52) 24 × 0.1 =	53) 25 × 0.1 =	54) 45 × 0.1 =	55) 21 × 0.1 =	56) 93 × 0.1 =
57) 40 × 0.1 =	58) 84 × 0.1 =	59) 44 × 0.1 =	60) 12 × 0.1 =	61) 69 × 0.1 =	62) 82 × 0.1 =	63) 68 × 0.1 =	64) 34 × 0.1 =
65) 91 × 0.1 =	66) 88 × 0.1 =	67) 19 × 0.1 =	68) 42 × 0.1 =	69) 83 × 0.1 =	70) 52 × 0.1 =	71) 35 × 0.1 =	72) 62 × 0.1 =

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Powers of Ten

Find the product.

1) 70 × 0.01 =	2) 67 × 0.01 =	3) 12 × 0.01 =	4) 50 × 0.01 =	5) 43 × 0.01 =	6) 41 × 0.01 =	7) 79 × 0.01 =
8) 57 × 0.01 =	9) 61 × 0.01 =	10) 90 × 0.01 =	11) 23 × 0.01 =	12) 22 × 0.01 =	13) 37 × 0.01 =	14) 47 × 0.01 =
15) 95 × 0.01 =	16) 82 × 0.01 =	17) 45 × 0.01 =	18) 33 × 0.01 =	19) 32 × 0.01 =	20) 26 × 0.01 =	21) 46 × 0.01 =
22) 34 × 0.01 =	23) 94 × 0.01 =	24) 66 × 0.01 =	25) 86 × 0.01 =	26) 30 × 0.01 =	27) 62 × 0.01 =	28) 35 × 0.01 =
29) 55 × 0.01 =	30) 16 × 0.01 =	31) 69 × 0.01 =	32) 58 × 0.01 =	33) 81 × 0.01 =	34) 56 × 0.01 =	35) 27 × 0.01 =
36) 64 × 0.01 =	37) 91 × 0.01 =	38) 92 × 0.01 =	39) 29 × 0.01 =	40) 83 × 0.01 =	41) 28 × 0.01 =	42) 14 × 0.01 =
43) 53 × 0.01 =	44) 54 × 0.01 =	45) 77 × 0.01 =	46) 76 × 0.01 =	47) 59 × 0.01 =	48) 36 × 0.01 =	49) 60 × 0.01 =
50) 52 × 0.01 =	51) 89 × 0.01 =	52) 48 × 0.01 =	53) 97 × 0.01 =	54) 40 × 0.01 =	55) 68 × 0.01 =	56) 15 × 0.01 =
57) 21 × 0.01 =	58) 99 × 0.01 =	59) 13 × 0.01 =	60) 20 × 0.01 =	61) 73 × 0.01 =	62) 96 × 0.01 =	63) 31 × 0.01 =

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Powers of Ten

Find the product.

1) 55 × 0.001 =	2) 65 × 0.001 =	3) 21 × 0.001 =	4) 30 × 0.001 =	5) 27 × 0.001 =	6) 71 × 0.001 =
7) 41 × 0.001 =	8) 61 × 0.001 =	9) 80 × 0.001 =	10) 68 × 0.001 =	11) 77 × 0.001 =	12) 63 × 0.001 =
13) 94 × 0.001 =	14) 84 × 0.001 =	15) 95 × 0.001 =	16) 46 × 0.001 =	17) 85 × 0.001 =	18) 14 × 0.001 =
19) 54 × 0.001 =	20) 20 × 0.001 =	21) 42 × 0.001 =	22) 58 × 0.001 =	23) 97 × 0.001 =	24) 60 × 0.001 =
25) 25 × 0.001 =	26) 18 × 0.001 =	27) 15 × 0.001 =	28) 81 × 0.001 =	29) 16 × 0.001 =	30) 52 × 0.001 =
31) 47 × 0.001 =	32) 57 × 0.001 =	33) 37 × 0.001 =	34) 33 × 0.001 =	35) 29 × 0.001 =	36) 43 × 0.001 =
37) 11 × 0.001 =	38) 96 × 0.001 =	39) 70 × 0.001 =	40) 35 × 0.001 =	41) 12 × 0.001 =	42) 32 × 0.001 =
43) 45 × 0.001 =	44) 62 × 0.001 =	45) 36 × 0.001 =	46) 51 × 0.001 =	47) 86 × 0.001 =	48) 74 × 0.001 =
49) 67 × 0.001 =	50) 98 × 0.001 =	51) 22 × 0.001 =	52) 19 × 0.001 =	53) 87 × 0.001 =	54) 82 × 0.001 =

Name:_____ Class:_____ Date:____/____/_____

Multiple Operations

Find the solution.

1) $12 \times 2 =$ _____
2) $8 \times (11 + 5) =$ _____
3) $5(12 + 2) =$ _____
4) $5 \times 10 + 3 =$ _____
5) $3 + 5 + 4 =$ _____
6) $(12 + 12)(12 + 5) =$ _____
7) $3 \times 9 \times 5 =$ _____
8) $5 + 10 + 7 =$ _____
9) $(9 + 2)^2 + (10 + 4)^2 =$ ____
10) $8 + 10^2 + 12 + 3^2 =$ ____
11) $4 + 10 + 5 =$ _____
12) $9 \times 9 =$ _____
13) $(12 + 2)^2 =$ _____
14) $3 + 7^2 + 12 + 6^2 =$ _____
15) $9 + 11 + 5 =$ _____
16) $2 + 9^2 =$ _____
17) $7 \times 3 \times 2 =$ _____
18) $8 \times 3 + 8 =$ _____
19) $(9^2) \times (8^2) + 4 =$ _____
20) $2 + 4^2 + 5 + 7^2 =$ _____
21) $9 + 6^2 =$ _____
22) $7 + 11 - 12 + 11 =$ _____
23) $7 \times 12 + 4 =$ _____
24) $4 + 2 + 4 =$ _____
25) $12 + 3 - 6 + 11 =$ _____
26) $3 \times 9 =$ _____
27) $5 + 12 + 3 =$ _____
28) $(10 + 7) \div 10 =$ _____
29) $(5 + 2)^2 + (8 + 3)^2 =$ ____
30) $9 \times 6 \times 8 =$ _____
31) $10 + 9^2 + 8 + 11^2 =$ ____
32) $(7^2) \times (11^2) + 10 =$ _____
33) $11 \times 7 \times 7 =$ _____
34) $(10 \times 4) - (11 + 12) =$ ___
35) $5 + 3^2 =$ _____
36) $(7^2) \times (5^2) + 10 =$ _____
37) $3 \times (6 + 12) =$ _____
38) $5 \times 6 \times 12 =$ _____
39) $12 \times (10 + 7) =$ _____
40) $(12^2) \times (5^2) + 6 =$ _____
41) $(4 + 11) \times (8 + 4) =$ _____
42) $(8 \times 6) - (5 + 11) =$ _____
43) $2 \times 5 =$ _____
44) $(11 + 11)(6 + 5) =$ _____
45) $(7 + 8)^2 + (10 + 2)^2 =$ ___
46) $(11 \times 3) - (10 + 12) =$ ___
47) $5(4 + 11) =$ _____
48) $(6 \times 3) - (11 + 7) =$ _____
49) $(3 + 5) \div 11 =$ _____
50) $(3 + 3)(8 + 6) =$ _____
51) $5 \times 10 =$ _____
52) $10 + 10 + 3 =$ _____
53) $6(9 + 11) =$ _____
54) $(7^2) \times (3^2) + 11 =$ _____
55) $2 \times (7 + 5) =$ _____
56) $(12 + 6) \times (3 + 4) =$ _____
57) $8 + 4 + 8 =$ _____

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Multiple Operations: Missing Operators

Supply the missing operators to make the solution true.

1) 11 ___ 11 ___ 10 ___ 7 = 39
2) 5 ___ 6 ___ 10 ___ 4 = 25
3) 10 ___ 12 ___ 2 ___ 7 = 31
4) 6 ___ 4 ___ 4 = 14
5) 4 ___ 5 ___ 6 ___ 8 = 23
6) 3 ___ 6 ___ 6 = 15
7) 7 ___ 11 ___ 10 ___ 4 = 32
8) 4 ___ 7 ___ 3 = 14
9) 5 ___ 8 ___ 10 = 23
10) 12 ___ 6 ___ 10 ___ 8 = 36
11) 6 ___ 9 ___ 12 = 27
12) 11 ___ 10 ___ 7 = 28
13) 11 ___ 12 ___ 10 = 33
14) 11 ___ 11 ___ 7 ___ 7 = 36
15) 8 ___ 9 ___ 7 = 24
16) 12 ___ 2 ___ 6 = 20
17) 7 ___ 6 ___ 11 = 24
18) 10 ___ 3 ___ 3 ___ 4 = 20
19) 2 ___ 6 ___ 6 ___ 4 = 18
20) 7 ___ 2 ___ 6 = 15
21) 9 ___ 10 ___ 8 = 27
22) 7 ___ 10 ___ 5 = 22
23) 12 ___ 7 ___ 7 = 26
24) 3 ___ 12 ___ 6 ___ 9 = 30
25) 12 ___ 8 ___ 9 ___ 2 = 31
26) 11 ___ 12 ___ 2 ___ 5 = 30
27) 4 ___ 8 ___ 12 ___ 10 = 34
28) 9 ___ 8 ___ 6 ___ 6 = 29
29) 7 ___ 8 ___ 5 = 20
30) 10 ___ 2 ___ 11 = 23
31) 11 ___ 2 ___ 2 ___ 4 = 19
32) 9 ___ 7 ___ 12 ___ 11 = 39
33) 10 ___ 11 ___ 10 ___ 7 = 38
34) 4 ___ 7 ___ 10 ___ 6 = 27
35) 5 ___ 7 ___ 12 ___ 3 = 27
36) 6 ___ 4 ___ 9 ___ 10 = 29
37) 2 ___ 10 ___ 7 = 19
38) 3 ___ 12 ___ 7 ___ 8 = 30

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Equations - Defined Variable

Evaluate each expression when: $y = 1$

1) $5 \div (y + 4) =$ _____
2) $7 - y =$ _____
3) $6^2 + y^2 =$ _____
4) $8y - 6 + 9y =$ _____
5) $2y + y =$ _____
6) $3y + 1 - 7y =$ _____
7) $6 + y =$ _____
8) $5(6 - y) =$ _____
9) $1 + \frac{20}{y} + 9^2 =$ _____
10) $8y - 1 =$ _____
11) $2 - y =$ _____
12) $\frac{8 + y}{y + 2} =$ _____
13) $4 \div y + 6 =$ _____
14) $4 \div y =$ _____
15) $(3y + 4) + (6y - 9) =$ _____
16) $9 \div y =$ _____
17) $y^2 + y - 1 =$ _____
18) $4y - 4 + 7y =$ _____
19) $(3y)^2 =$ _____
20) $9 + \frac{30}{y} + 7^2 =$ _____
21) $\frac{8 + y}{y + 8} =$ _____
22) $9y + y =$ _____
23) $2 + \frac{y}{1} =$ _____
24) $y^2 + y - 8 =$ _____
25) $y^2 + y - 3 =$ _____
26) $5 - y =$ _____
27) $1 + 8y =$ _____
28) $(6y)^2 =$ _____
29) $y^2 + y - 5 =$ _____
30) $3 - y =$ _____
31) $3 + \frac{3 + y}{y} - 7 =$ _____
32) $(7y)(7y) =$ _____
33) $2y + 6 =$ _____
34) $5y + 7y + 2y =$ _____
35) $9 + (8y + 1) - 1 + (7y) =$ _____
36) $y - 1 =$ _____

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $y + 10 = 14$ _____
2) $11 - y = 7$ _____
3) $4 - y = 1$ _____
4) $11 - y = 1$ _____
5) $10 + y = 22$ _____
6) $y + 5 = 17$ _____
7) $y - 9 = -6$ _____
8) $y + 12 = 19$ _____
9) $y - 12 = -2$ _____
10) $y + 1 = 6$ _____
11) $y + 7 = 9$ _____
12) $11 - y = 8$ _____
13) $5 + y = 14$ _____
14) $y - 5 = 7$ _____
15) $y - 9 = 3$ _____
16) $y - 11 = -2$ _____
17) $5 - y = -3$ _____
18) $5 - y = -4$ _____
19) $3 - y = -3$ _____
20) $y + 11 = 21$ _____
21) $y - 2 = 8$ _____
22) $y - 10 = -1$ _____
23) $y - 3 = 2$ _____
24) $10 - y = 3$ _____
25) $y + 11 = 19$ _____
26) $1 + y = 7$ _____
27) $y + 10 = 12$ _____
28) $11 + y = 20$ _____
29) $y - 8 = 3$ _____
30) $3 - y = -4$ _____
31) $10 + y = 12$ _____
32) $y + 2 = 5$ _____
33) $y - 8 = 4$ _____
34) $y + 11 = 15$ _____
35) $y - 5 = 4$ _____
36) $y + 6 = 8$ _____
37) $4 - y = -8$ _____
38) $y - 1 = 9$ _____
39) $y + 3 = 7$ _____
40) $y - 9 = -5$ _____
41) $8 + y = 13$ _____
42) $y + 11 = 12$ _____
43) $y + 12 = 23$ _____
44) $6 + y = 14$ _____
45) $y + 7 = 17$ _____
46) $7 - y = 5$ _____
47) $y - 3 = 5$ _____
48) $8 - y = -1$ _____
49) $3 + y = 13$ _____
50) $y - 12 = 0$ _____
51) $y + 3 = 14$ _____
52) $9 + y = 16$ _____
53) $y + 2 = 4$ _____
54) $12 - y = 2$ _____
55) $5 - y = -1$ _____
56) $1 + y = 5$ _____
57) $y - 1 = 3$ _____
58) $y + 9 = 11$ _____
59) $1 + y = 3$ _____
60) $y + 1 = 12$ _____
61) $y + 1 = 11$ _____
62) $8 + y = 11$ _____
63) $6 - y = -2$ _____
64) $y - 6 = -5$ _____
65) $10 + y = 19$ _____
66) $7 - y = -4$ _____
67) $2 + y = 6$ _____
68) $10 + y = 14$ _____
69) $8 - y = -4$ _____
70) $y - 10 = -7$ _____
71) $10 + y = 13$ _____
72) $y - 4 = 3$ _____
73) $6 - y = 3$ _____
74) $y - 9 = 2$ _____
75) $y - 2 = 7$ _____
76) $y - 10 = -3$ _____

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $9y - 4 = 86$ _____
2) $8y + 10 = 18$ _____
3) $9y + 11 = 47$ _____
4) $5y - 6 = 14$ _____
5) $8y + 10 = 82$ _____
6) $10y - 6 = 114$ _____
7) $10y + 12 = 102$ _____
8) $8y - 2 = 94$ _____
9) $12y - 9 = 75$ _____
10) $5y - 9 = 6$ _____
11) $9y + 3 = 30$ _____
12) $3y + 4 = 37$ _____
13) $8y + 5 = 21$ _____
14) $10y + 9 = 39$ _____
15) $y + 6 = 12$ _____
16) $9y + 5 = 104$ _____
17) $10y - 11 = 29$ _____
18) $10y - 8 = 102$ _____
19) $4y - 10 = -6$ _____
20) $3y - 7 = 20$ _____
21) $2y + 1 = 11$ _____
22) $3y - 2 = 25$ _____
23) $3y - 10 = 8$ _____
24) $6y - 10 = 8$ _____
25) $2y - 6 = 18$ _____
26) $3y - 7 = 17$ _____
27) $8y + 8 = 32$ _____
28) $4y + 12 = 40$ _____
29) $11y - 4 = 117$ _____
30) $8y - 10 = 86$ _____
31) $7y + 6 = 41$ _____
32) $11y - 11 = 88$ _____
33) $8y + 10 = 98$ _____
34) $5y - 5 = 30$ _____
35) $8y - 2 = 38$ _____
36) $y + 11 = 20$ _____
37) $2y - 5 = -3$ _____
38) $3y + 6 = 27$ _____
39) $11y - 11 = 110$ _____
40) $2y - 10 = -2$ _____
41) $10y + 7 = 87$ _____
42) $12y - 10 = 134$ _____
43) $4y - 4 = 12$ _____
44) $8y + 9 = 65$ _____
45) $10y - 9 = 31$ _____
46) $4y - 3 = 33$ _____
47) $10y - 3 = 97$ _____
48) $6y + 11 = 47$ _____
49) $6y - 11 = 13$ _____
50) $12y + 11 = 155$ _____
51) $12y - 7 = 65$ _____
52) $12y + 11 = 95$ _____
53) $11y - 5 = 83$ _____
54) $4y + 6 = 42$ _____
55) $8y - 6 = 42$ _____
56) $9y + 3 = 57$ _____
57) $10y + 2 = 82$ _____

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Equations - Single Variable (One Side)

Solve for the variable.

1) $2 + 7y = 58$ _____
2) $10y + y = 44$ _____
3) $3y - y = 2$ _____
4) $8y - y = 84$ _____
5) $y + y = 14$ _____
6) $3 + 4y = 51$ _____
7) $9 + 12y = 105$ _____
8) $5y + y = 30$ _____
9) $12y - y = 88$ _____
10) $6y - y = 5$ _____
11) $3y - y = 24$ _____
12) $9 + 8y = 33$ _____
13) $7y + y = 48$ _____
14) $6 + 2y = 10$ _____
15) $5y + y = 54$ _____
16) $8y - y = 49$ _____
17) $7 + 5y = 67$ _____
18) $9y - y = 56$ _____
19) $12 + 2y = 20$ _____
20) $3 + 10y = 33$ _____
21) $10y + y = 110$ _____
22) $6y - y = 15$ _____
23) $1 + 10y = 41$ _____
24) $6y - y = 55$ _____
25) $7 + 7y = 84$ _____
26) $y - y = 0$ _____
27) $8 + 5y = 18$ _____
28) $11y - y = 40$ _____
29) $2y + y = 18$ _____
30) $1 + 12y = 73$ _____
31) $3 + y = 10$ _____
32) $11y + y = 132$ _____
33) $9y - y = 96$ _____
34) $5 + 5y = 55$ _____
35) $12y + y = 39$ _____
36) $2y + y = 15$ _____
37) $2y - y = 1$ _____
38) $2y - y = 2$ _____

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $12(1 + y) = 84$ _____
2) $2(5 + y) = 26$ _____
3) $3(3 - y) = -6$ _____
4) $3(6 + y) = 51$ _____
5) $9(11 - y) = 36$ _____
6) $3(5 + y) = 42$ _____
7) $8(3 + y) = 88$ _____
8) $1(6 - y) = 0$ _____
9) $11(1 + y) = 33$ _____
10) $1(1 + y) = 4$ _____
11) $12(7 - y) = 48$ _____
12) $5(12 + y) = 95$ _____
13) $9(1 + y) = 72$ _____
14) $1(9 + y) = 13$ _____
15) $5(6 + y) = 40$ _____
16) $5(12 - y) = 55$ _____
17) $6(12 + y) = 132$ _____
18) $4(11 + y) = 88$ _____
19) $4(12 - y) = 16$ _____
20) $12(4 - y) = 0$ _____
21) $6(2 + y) = 24$ _____
22) $3(4 + y) = 48$ _____
23) $9(4 + y) = 135$ _____
24) $1(6 - y) = 1$ _____
25) $2(7 + y) = 26$ _____
26) $5(8 + y) = 100$ _____
27) $5(7 + y) = 45$ _____
28) $1(7 - y) = 5$ _____
29) $5(8 + y) = 80$ _____
30) $4(2 - y) = 4$ _____
31) $11(9 + y) = 209$ _____
32) $4(7 + y) = 56$ _____
33) $2(3 + y) = 12$ _____
34) $2(8 - y) = 0$ _____
35) $3(6 + y) = 36$ _____
36) $6(3 + y) = 42$ _____
37) $6(12 - y) = 42$ _____
38) $8(8 - y) = -16$ _____
39) $3(5 + y) = 39$ _____
40) $1(11 + y) = 19$ _____
41) $4(5 - y) = 8$ _____
42) $11(2 - y) = -88$ _____
43) $7(11 - y) = 70$ _____
44) $11(3 - y) = -22$ _____
45) $9(3 - y) = -72$ _____
46) $7(11 - y) = 63$ _____
47) $8(11 - y) = 40$ _____
48) $5(11 + y) = 65$ _____
49) $9(3 - y) = 9$ _____
50) $1(2 - y) = 0$ _____
51) $12(1 - y) = -36$ _____
52) $8(10 + y) = 112$ _____
53) $6(4 + y) = 54$ _____
54) $9(12 + y) = 144$ _____
55) $3(7 + y) = 48$ _____
56) $12(12 + y) = 204$ _____
57) $12(8 - y) = 12$ _____

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $12(6 + y) = 180$ _____
2) $7(1 + y) = 35$ _____
3) $8(7 - y) = 8$ _____
4) $8(9 + y) = 120$ _____
5) $4(4 - y) = -4$ _____
6) $10(9 + y) = 130$ _____
7) $9(7 - y) = -9$ _____
8) $9(8 - y) = -36$ _____
9) $11(4 + y) = 55$ _____
10) $5(11 + y) = 70$ _____
11) $5(2 + y) = 65$ _____
12) $2(3 + y) = 8$ _____
13) $1(2 - y) = -9$ _____
14) $10(5 - y) = -20$ _____
15) $8(6 - y) = 16$ _____
16) $7(11 + y) = 105$ _____
17) $1(2 - y) = -8$ _____
18) $2(2 - y) = -18$ _____
19) $9(4 + y) = 135$ _____
20) $10(9 + y) = 190$ _____
21) $3(4 - y) = -15$ _____
22) $4(4 - y) = -12$ _____
23) $8(2 - y) = 8$ _____
24) $5(10 - y) = 15$ _____
25) $6(12 - y) = 54$ _____
26) $1(1 - y) = -1$ _____
27) $9(4 - y) = -9$ _____
28) $10(4 + y) = 130$ _____
29) $6(3 - y) = -54$ _____
30) $1(5 - y) = -7$ _____
31) $2(4 - y) = -4$ _____
32) $2(7 - y) = 12$ _____
33) $11(5 - y) = 22$ _____
34) $9(12 - y) = 27$ _____
35) $3(8 + y) = 39$ _____
36) $3(9 + y) = 36$ _____
37) $8(8 + y) = 88$ _____
38) $10(2 + y) = 70$ _____
39) $5(6 - y) = -30$ _____
40) $12(10 - y) = 108$ _____
41) $7(8 - y) = -7$ _____
42) $1(4 + y) = 10$ _____
43) $1(4 - y) = -1$ _____
44) $3(3 + y) = 33$ _____
45) $11(1 + y) = 55$ _____
46) $9(7 + y) = 144$ _____
47) $5(3 - y) = -20$ _____
48) $10(5 + y) = 150$ _____
49) $10(5 + y) = 70$ _____
50) $2(10 - y) = 18$ _____
51) $1(11 + y) = 18$ _____
52) $2(2 - y) = -6$ _____
53) $1(3 + y) = 8$ _____
54) $11(2 + y) = 77$ _____
55) $10(6 - y) = 10$ _____
56) $7(11 + y) = 91$ _____
57) $1(9 + y) = 20$ _____

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $2 + x \leq 5$

2) $x + 9 \geq 1$

3) $x + 2 \geq 8$

4) $6 + x \geq 8$

5) $6 + x \leq 8$

6) $3 + x < 9$

7) $5 + x > 7$

8) $6 + x > 2$

9) $x + 4 \leq 3$

10) $5 + x < 4$

11) $6 + x \leq 6$

12) $x + 4 > 8$

13) $3 + x \leq 1$

14) $x + 6 < 5$

15) $x + 2 < 4$

16) $x + 6 < 3$

17) $x + 3 \leq 6$

18) $1 + x < 6$

19) $9 + x > 3$

20) $x + 2 > 4$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $8 - x < 9$

2) $x - 8 > 9$

3) $4 - x \leq 5$

4) $x - 8 \leq 9$

5) $6 - x \leq 7$

6) $x - 5 > 6$

7) $x - 4 \leq 6$

8) $x - 3 \geq 4$

9) $x - 6 < 8$

10) $6 - x > 8$

11) $x - 1 \leq 3$

12) $x - 2 > 9$

13) $x - 2 > 8$

14) $5 - x \leq 9$

15) $6 - x < 9$

16) $1 - x < 8$

17) $1 - x \leq 2$

18) $7 - x \leq 9$

19) $x - 4 < 9$

20) $x - 3 \geq 8$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $6x \leq 5$

2) $4x \geq 5$

3) $6x \leq 12$

4) $6x < 5$

5) $3x < 4$

6) $18x \leq 6$

7) $6x < 9$

8) $6x < 4$

9) $9x > 15$

10) $18x > 15$

11) $2x > 3$

12) $6x \geq 8$

13) $4x < 3$

14) $5x < 3$

15) $10x \geq 8$

16) $4x \leq 12$

17) $4x \leq 10$

18) $12x < 9$

19) $6x > 18$

20) $5x > 3$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $\frac{x}{4} > 4$

2) $\frac{x}{8} < 4$

3) $\frac{x}{3} \leq 3$

4) $\frac{x}{4} > 1$

5) $\frac{x}{4} < 1$

6) $\frac{x}{2} < 2$

7) $\frac{x}{1} \leq 7$

8) $\frac{x}{2} \leq 8$

9) $\frac{x}{2} < 4$

10) $\frac{x}{8} > 1$

11) $\frac{x}{1} < 6$

12) $\frac{x}{6} \geq 8$

13) $\frac{x}{6} > 4$

14) $\frac{x}{1} \geq 7$

15) $\frac{x}{5} \geq 6$

16) $\frac{x}{7} \geq 4$

17) $\frac{x}{3} \leq 7$

18) $\frac{x}{7} \leq 7$

19) $\frac{x}{2} < 3$

20) $\frac{x}{2} \leq 6$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $x + 2 \geq 1$

2) $4x \geq 6$

3) $8 - x > 9$

4) $\frac{x}{2} \geq 7$

5) $\frac{x}{8} \leq 3$

6) $x + 4 < 2$

7) $9x < 18$

8) $x - 2 < 4$

9) $\frac{x}{5} \geq 6$

10) $10x \geq 8$

11) $x - 7 > 9$

12) $5 + x \geq 6$

13) $x + 9 > 5$

14) $12x < 6$

15) $x - 3 > 9$

16) $\frac{x}{7} \leq 8$

17) $x + 3 \geq 6$

18) $6x \geq 4$

19) $\frac{x}{1} > 7$

20) $4 - x > 7$

Number Problems

Solve.

1) ___ Two more than a number is 11. What is the number?

2) ___ A number increased by seven is 16. Find the number.

3) ___ Two less than a number is 8. Find the number.

4) ___ Three more than a number is 11. What is the number?

5) ___ A number increased by five is 8. Find the number.

6) ___ A number decreased by 3 is 10. Find the number.

7) ___ Five more than a number is 15. What is the number?

8) ___ One-half of a number is 4. Find the number.

9) ___ Five more than a number is 12. What is the number?

10) ___ The sum of a number and two is 7. Find the number.

11) ___ Two-thirds of a number is 6. Find the number.

12) ___ A number decreased by 3 is 5. Find the number.

13) ___ One-half of a number is 1. Find the number.

14) ___ The sum of a number and nine is 19. Find the number.

15) ___ Two less than a number is 5. Find the number.

16) ___ Nine less than a number is 2. Find the number.

17) ___ The sum of a number and three is 11. Find the number.

18) ___ A number increased by four is 12. Find the number.

Number Problems

Solve.

1) ___ Twice a number is 4. What is the number?

2) ___ The quotient of a number and ten is 3. Find the number.

3) ___ The product of four and a number is 16. What is the number?

4) ___ The product of seven and a number is 35. What is the number?

5) ___ The product of two and a number is 20. What is the number?

6) ___ The quotient of a number and nine is 8. Find the number.

7) ___ The quotient of a number and four is 8. Find the number.

8) ___ Five times a number is 10. What is the number?

9) ___ The product of three and a number is 18. What is the number?

10) ___ The quotient of a number and three is 2. Find the number.

11) ___ Six times a number is 0. What is the number?

12) ___ The product of two and a number is 6. What is the number?

13) ___ The product of four and a number is 8. What is the number?

14) ___ The product of three and a number is 21. What is the number?

15) ___ The quotient of a number and eight is 9. Find the number.

16) ___ The quotient of a number and ten is 6. Find the number.

17) ___ The quotient of a number and six is 9. Find the number.

18) ___ The quotient of a number and seven is 7. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) _____ The sum of four consecutive numbers is 30. What are the numbers?

2) _____ The sum of four consecutive numbers is 42. What are the numbers?

3) _____ The sum of two consecutive odd numbers is 20. Find the numbers.

4) _____ The sum of three consecutive odd numbers is 21. Find the numbers.

5) _____ The sum of three consecutive numbers is 12. What are the numbers?

6) _____ The sum of three consecutive even numbers is 12. What are the numbers?

7) _____ The sum of three consecutive odd numbers is 27. Find the numbers.

8) _____ The sum of two consecutive numbers is 21. What are the numbers?

9) _____ The sum of two consecutive even numbers is 10. What are the numbers?

10) _____ The sum of three consecutive odd numbers is 27. Find the numbers.

11) _____ The sum of four consecutive numbers is 22. What are the numbers?

12) _____ The sum of four consecutive even numbers is 52. What are the numbers?

13) _____ The sum of three consecutive odd numbers is 15. Find the numbers.

14) _____ The sum of two consecutive odd numbers is 24. Find the numbers.

15) _____ The sum of two consecutive numbers is 19. What are the numbers?

16) _____ The sum of four consecutive odd numbers is 56. Find the numbers.

17) _____ The sum of four consecutive even numbers is 28. What are the numbers?

18) _____ The sum of two consecutive even numbers is 14. What are the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ Two-fourths of a number increased by 6 is 14. What is the number?

2) ___ One-half of a number decreased by 2 is 0. Find the number.

3) ___ Two-fifths of a number increased by 2 is 4. What is the number?

4) ___ One-half of a number decreased by 7 is 2. Find the number.

5) ___ Two-thirds of a number increased by 2 is 14. What is the number?

6) ___ Four-fifths of a number increased by 3 is 15. What is the number?

7) ___ One-half of a number decreased by 6 is 0. Find the number.

8) ___ Three-fourths of a number increased by 6 is 15. What is the number?

9) ___ Three-fourths of a number increased by 2 is 8. What is the number?

10) ___ Two-fourths of a number decreased by 3 is 5. Find the number.

11) ___ Three-fifths of a number decreased by 2 is 1. Find the number.

12) ___ One-fourth of a number diminished by 1 is 3. Find the number.

13) ___ Two-thirds of a number increased by 1 is 3. What is the number?

14) ___ Three-fifths of a number decreased by 1 is 2. Find the number.

15) ___ One-fourth of a number decreased by 2 is 0. Find the number.

16) ___ Three-fifths of a number increased by 3 is 9. What is the number?

17) ___ One-half of a number increased by 2 is 4. What is the number?

18) ___ Two-fifths of a number decreased by 1 is 1. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ Six times a number increased by 7 is 37. Find the number.

2) ___ Ten times a number diminished by 14 is 36. Find the number.

3) ___ Six times a number increased by 9 is 33. Find the number.

4) ___ Nine times a number increased by 4 is 58. Find the number.

5) ___ Three times a number decreased by 35 is 1. Find the number.

6) ___ Six times a number increased by 9 is 75. Find the number.

7) ___ Ten times a number diminished by 14 is 6. Find the number.

8) ___ Three times a number increased by 4 is 34. Find the number.

9) ___ Ten times a number increased by 10 is 110. Find the number.

10) ___ Three times a number increased by 8 is 38. Find the number.

11) ___ Ten times a number increased by 7 is 117. Find the number.

12) ___ Twice a number diminished by 4 is 2. Find the number.

13) ___ Six times a number decreased by 3 is 9. Find the number.

14) ___ Twice a number diminished by 7 is 3. Find the number.

15) ___ Nine times a number decreased by 5 is 58. Find the number.

16) ___ Seven times a number diminished by 24 is 11. Find the number.

17) ___ Five times a number decreased by 23 is 2. Find the number.

18) ___ Seven times a number diminished by 26 is 30. Find the number.

Number Problems

Solve.

1) ___ One less than three times a number is 23. Find the number.

2) ___ One less than twice a number is 11. Find the number.

3) ___ One less than twice a number is 13. Find the number.

4) ___ Two more than four times a number is 30. What is the number?

5) ___ Eight more than ten times a number is 68. What is the number?

6) ___ Nine more than three times a number is 24. What is the number?

7) ___ Nine more than eight times a number is 41. What is the number?

8) ___ Eight more than five times a number is 68. What is the number?

9) ___ Six more than ten times a number is 86. What is the number?

10) ___ Six more than nine times a number is 24. What is the number?

11) ___ One less than five times a number is 59. Find the number.

12) ___ Nine more than nine times a number is 27. What is the number?

13) ___ One less than six times a number is 35. Find the number.

14) ___ One less than twice a number is 9. Find the number.

15) ___ One less than seven times a number is 55. Find the number.

16) ___ One less than five times a number is 39. Find the number.

17) ___ Six more than ten times a number is 116. What is the number?

18) ___ One less than three times a number is 23. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ The quotient of a number and two increased by 10 is 19. What is the number?

2) ___ The quotient of a number and three increased by 3 is 12. What is the number?

3) ___ The quotient of a number and two increased by 3 is 13. What is the number?

4) ___ The quotient of a number and four increased by 6 is 8. What is the number?

5) ___ The quotient of a number and eight increased by 3 is 13. What is the number?

6) ___ The quotient of a number and two increased by 10 is 19. What is the number?

7) ___ The quotient of a number and seven increased by 8 is 13. What is the number?

8) ___ The quotient of a number and eight increased by 5 is 12. What is the number?

9) ___ The quotient of a number and seven increased by 9 is 19. What is the number?

10) ___ The quotient of a number and nine increased by 10 is 19. What is the number?

11) ___ The quotient of a number and five increased by 4 is 7. What is the number?

12) ___ The quotient of a number and seven increased by 3 is 7. What is the number?

13) ___ The quotient of a number and seven increased by 9 is 17. What is the number?

14) ___ The quotient of a number and three increased by 6 is 16. What is the number?

15) ___ The quotient of a number and five increased by 6 is 12. What is the number?

16) ___ The quotient of a number and nine increased by 10 is 12. What is the number?

17) ___ The quotient of a number and two increased by 6 is 13. What is the number?

18) ___ The quotient of a number and nine increased by 9 is 17. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) _____ One number is ten times another. Their sum is 66. Find the numbers.

2) _____ One number is two times another. Their sum is 6. Find the numbers.

3) _____ One number is five times another. Their sum is 24. Find the numbers.

4) _____ One number is eight times another. Their sum is 72. Find the numbers.

5) _____ One number is two times another. Their sum is 24. Find the numbers.

6) _____ One number is five times another. Their sum is 36. Find the numbers.

7) _____ One number is nine times another. Their sum is 60. Find the numbers.

8) _____ One number is three times another. Their sum is 28. Find the numbers.

9) _____ One number is nine times another. Their sum is 40. Find the numbers.

10) _____ One number is eight times another. Their sum is 27. Find the numbers.

11) _____ One number is five times another. Their sum is 24. Find the numbers.

12) _____ One number is two times another. Their sum is 15. Find the numbers.

13) _____ One number is eight times another. Their sum is 18. Find the numbers.

14) _____ One number is seven times another. Their sum is 24. Find the numbers.

15) _____ One number is six times another. Their sum is 63. Find the numbers.

16) _____ One number is six times another. Their sum is 14. Find the numbers.

17) _____ One number is nine times another. Their sum is 30. Find the numbers.

18) _____ One number is ten times another. Their sum is 22. Find the numbers.

Number Problems

Solve.

1) _____ The sum of two numbers is 25. One number is nine less than the other. Find the numbers.

2) _____ The sum of two numbers is 16. One number is eight less than the other. Find the numbers.

3) _____ The sum of two numbers is 24. One number is ten less than the other. Find the numbers.

4) _____ The sum of two numbers is 11. One number is five less than the other. Find the numbers.

5) _____ The sum of two numbers is 23. One number is seven less than the other. Find the numbers.

6) _____ The sum of two numbers is 21. One number is five less than the other. Find the numbers.

7) _____ The sum of two numbers is 24. One number is eight less than the other. Find the numbers.

8) _____ The sum of two numbers is 15. One number is seven less than the other. Find the numbers.

9) _____ The sum of two numbers is 19. One number is five less than the other. Find the numbers.

10) _____ The sum of two numbers is 30. One number is ten less than the other. Find the numbers.

11) _____ The sum of two numbers is 23. One number is nine less than the other. Find the numbers.

12) _____ The sum of two numbers is 21. One number is five less than the other. Find the numbers.

13) _____ The sum of two numbers is 8. One number is four less than the other. Find the numbers.

Number Problems

Solve.

1) _____ The product of two numbers is 20. One number is eight less than the other. What are the numbers?

2) _____ The product of two numbers is 136. One number is nine less than the other. What are the numbers?

3) _____ The product of two numbers is 63. One number is two less than the other. What are the numbers?

4) _____ The product of two numbers is 32. One number is four less than the other. What are the numbers?

5) _____ The product of two numbers is 16. One number is six less than the other. What are the numbers?

6) _____ The product of two numbers is 78. One number is seven less than the other. What are the numbers?

7) _____ The product of two numbers is 36. One number is five less than the other. What are the numbers?

8) _____ The product of two numbers is 130. One number is three less than the other. What are the numbers?

9) _____ The product of two numbers is 84. One number is eight less than the other. What are the numbers?

10) _____ The product of two numbers is 27. One number is six less than the other. What are the numbers?

11) _____ The product of two numbers is 27. One number is six less than the other. What are the numbers?

12) _____ The product of two numbers is 60. One number is four less than the other. What are the numbers?

13) _____ The product of two numbers is 36. One number is nine less than the other. What are the numbers?

Number Problems

Solve.

1) _____ One of two numbers is five more than the other. The sum of the numbers is 19. Find the numbers.

2) _____ One of two numbers is six more than the other. The sum of the numbers is 26. Find the numbers.

3) _____ One of two numbers is two more than the other. The sum of the numbers is 6. Find the numbers.

4) _____ One of two numbers is eight more than the other. The sum of the numbers is 12. Find the numbers.

5) _____ One of two numbers is three more than the other. The sum of the numbers is 23. Find the numbers.

6) _____ One of two numbers is three more than the other. The sum of the numbers is 11. Find the numbers.

7) _____ One of two numbers is four more than the other. The sum of the numbers is 18. Find the numbers.

8) _____ One of two numbers is six more than the other. The sum of the numbers is 10. Find the numbers.

9) _____ One of two numbers is ten more than the other. The sum of the numbers is 24. Find the numbers.

10) _____ One of two numbers is four more than the other. The sum of the numbers is 10. Find the numbers.

11) _____ One of two numbers is ten more than the other. The sum of the numbers is 24. Find the numbers.

12) _____ One of two numbers is seven more than the other. The sum of the numbers is 27. Find the numbers.

13) _____ One of two numbers is six more than the other. The sum of the numbers is 14. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ Ten times the sum of a number and two times the number is 300. Find the number.

2) ___ Five times the sum of a number and ten times the number is 605. Find the number.

3) ___ Nine times the sum of a number and five times the number is 270. Find the number.

4) ___ Five times the sum of a number and six times the number is 420. Find the number.

5) ___ Seven times the sum of a number and four times the number is 245. Find the number.

6) ___ Eight times the sum of a number and five times the number is 384. Find the number.

7) ___ Ten times the sum of a number and nine times the number is 400. Find the number.

8) ___ Six times the sum of a number and eight times the number is 108. Find the number.

9) ___ Two times the sum of a number and four times the number is 60. Find the number.

10) ___ Six times the sum of a number and two times the number is 162. Find the number.

11) ___ Nine times the sum of a number and two times the number is 81. Find the number.

12) ___ Three times the sum of a number and six times the number is 231. Find the number.

13) ___ Eight times the sum of a number and nine times the number is 320. Find the number.

14) ___ Seven times the sum of a number and three times the number is 196. Find the number.

15) ___ Eight times the sum of a number and eight times the number is 864. Find the number.

16) ___ Seven times the sum of a number and three times the number is 336. Find the number.

17) ___ Seven times the sum of a number and two times the number is 42. Find the number.

18) ___ Seven times the sum of a number and five times the number is 84. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) _____ The sum of two numbers is 72. The larger number is eight times the smaller number. What are the numbers?

2) _____ The sum of two numbers is 99. The larger number is eight times the smaller number. What are the numbers?

3) _____ The sum of two numbers is 45. The larger number is eight times the smaller number. What are the numbers?

4) _____ The sum of two numbers is 21. The larger number is two times the smaller number. What are the numbers?

5) _____ The sum of two numbers is 22. The larger number is ten times the smaller number. What are the numbers?

6) _____ The sum of two numbers is 60. The larger number is five times the smaller number. What are the numbers?

7) _____ The sum of two numbers is 45. The larger number is eight times the smaller number. What are the numbers?

8) _____ The sum of two numbers is 40. The larger number is four times the smaller number. What are the numbers?

9) _____ The sum of two numbers is 30. The larger number is four times the smaller number. What are the numbers?

10) _____ The sum of two numbers is 72. The larger number is five times the smaller number. What are the numbers?

11) _____ The sum of two numbers is 28. The larger number is three times the smaller number. What are the numbers?

12) _____ The sum of two numbers is 30. The larger number is four times the smaller number. What are the numbers?

13) _____ The sum of two numbers is 63. The larger number is eight times the smaller number. What are the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) _____ One of two numbers is four-fifths of the other number. The sum of the numbers is 18. Find the numbers.

2) _____ One of two numbers is one-half of the other number. The sum of the numbers is 18. Find the numbers.

3) _____ One of two numbers is two-fourths of the other number. The sum of the numbers is 12. Find the numbers.

4) _____ One of two numbers is four-fifths of the other number. The sum of the numbers is 9. Find the numbers.

5) _____ One of two numbers is one-fifth of the other number. The sum of the numbers is 6. Find the numbers.

6) _____ One of two numbers is one-half of the other number. The sum of the numbers is 9. Find the numbers.

7) _____ One of two numbers is two-thirds of the other number. The sum of the numbers is 20. Find the numbers.

8) _____ One of two numbers is one-half of the other number. The sum of the numbers is 3. Find the numbers.

9) _____ One of two numbers is two-thirds of the other number. The sum of the numbers is 15. Find the numbers.

10) _____ One of two numbers is one-third of the other number. The sum of the numbers is 4. Find the numbers.

11) _____ One of two numbers is one-third of the other number. The sum of the numbers is 12. Find the numbers.

12) _____ One of two numbers is one-fifth of the other number. The sum of the numbers is 12. Find the numbers.

13) _____ One of two numbers is two-thirds of the other number. The sum of the numbers is 10. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) __ Four times the difference of 15 minus a number is 40. What is the number?

2) __ Two times the difference of 13 minus a number is 8. What is the number?

3) __ Six times the difference of 18 minus a number is 60. What is the number?

4) __ Two times the difference of 16 minus a number is 22. What is the number?

5) __ Eight times the difference of 15 minus a number is 72. What is the number?

6) __ Nine times the difference of 8 minus a number is 18. What is the number?

7) __ Eight times the difference of 8 minus a number is 32. What is the number?

8) __ Seven times the difference of 12 minus a number is 35. What is the number?

9) __ Nine times the difference of 11 minus a number is 36. What is the number?

10) __ Seven times the difference of 10 minus a number is 14. What is the number?

11) __ Three times the difference of 9 minus a number is 21. What is the number?

12) __ Seven times the difference of 18 minus a number is 63. What is the number?

13) __ Seven times the difference of 18 minus a number is 84. What is the number?

14) __ Ten times the difference of 9 minus a number is 30. What is the number?

15) __ Four times the difference of 18 minus a number is 44. What is the number?

16) __ Ten times the difference of 13 minus a number is 60. What is the number?

17) __ Ten times the difference of 14 minus a number is 100. What is the number?

18) __ Six times the difference of 21 minus a number is 72. What is the number?

Number Problems

Solve.

1) _____ The sum of two numbers is 18. The difference of the same two numbers is eight. Find the numbers.

2) _____ The sum of two numbers is 20. The difference of the same two numbers is two. Find the numbers.

3) _____ The sum of two numbers is 9. The difference of the same two numbers is three. Find the numbers.

4) _____ The sum of two numbers is 22. The difference of the same two numbers is ten. Find the numbers.

5) _____ The sum of two numbers is 17. The difference of the same two numbers is seven. Find the numbers.

6) _____ The sum of two numbers is 25. The difference of the same two numbers is seven. Find the numbers.

7) _____ The sum of two numbers is 13. The difference of the same two numbers is seven. Find the numbers.

8) _____ The sum of two numbers is 21. The difference of the same two numbers is seven. Find the numbers.

9) _____ The sum of two numbers is 10. The difference of the same two numbers is two. Find the numbers.

10) _____ The sum of two numbers is 28. The difference of the same two numbers is eight. Find the numbers.

11) _____ The sum of two numbers is 13. The difference of the same two numbers is nine. Find the numbers.

12) _____ The sum of two numbers is 13. The difference of the same two numbers is three. Find the numbers.

13) _____ The sum of two numbers is 30. The difference of the same two numbers is six. Find the numbers.

Number Problems

Solve.

1) _____ The difference of two numbers is 53. The larger number is 8 more than six times the smaller number. What are the numbers?

2) _____ The difference of two numbers is 63. The larger number is 3 more than seven times the smaller number. What are the numbers?

3) _____ The difference of two numbers is 47. The larger number is 7 more than six times the smaller number. What are the numbers?

4) _____ The difference of two numbers is 20. The larger number is 4 more than nine times the smaller number. What are the numbers?

5) _____ The difference of two numbers is 13. The larger number is 4 more than four times the smaller number. What are the numbers?

6) _____ The difference of two numbers is 38. The larger number is 10 more than eight times the smaller number. What are the numbers?

7) _____ The difference of two numbers is 31. The larger number is 7 more than three times the smaller number. What are the numbers?

8) _____ The difference of two numbers is 27. The larger number is 2 more than six times the smaller number. What are the numbers?

9) _____ The difference of two numbers is 27. The larger number is 3 more than seven times the smaller number. What are the numbers?

10) _____ The difference of two numbers is 68. The larger number is 5 more than eight times the smaller number. What are the numbers?

11) _____ The difference of two numbers is 35. The larger number is 8 more than ten times the smaller number. What are the numbers?

12) _____ The difference of two numbers is 24. The larger number is 9 more than six times the smaller number. What are the numbers?

13) _____ The difference of two numbers is 18. The larger number is 8 more than two times the smaller number. What are the numbers?

Number Problems

Solve.

1) _____ The greater of two numbers is 6 less than six times the smaller number. Their sum is 22. Find the numbers.

2) _____ The greater of two numbers is 10 less than eight times the smaller number. Their sum is 53. Find the numbers.

3) _____ The greater of two numbers is 9 less than eight times the smaller number. Their sum is 54. Find the numbers.

4) _____ The greater of two numbers is 9 less than ten times the smaller number. Their sum is 79. Find the numbers.

5) _____ The greater of two numbers is 6 less than three times the smaller number. Their sum is 38. Find the numbers.

6) _____ The greater of two numbers is 9 less than two times the smaller number. Their sum is -3. Find the numbers.

7) _____ The greater of two numbers is 4 less than nine times the smaller number. Their sum is 96. Find the numbers.

8) _____ The greater of two numbers is 4 less than two times the smaller number. Their sum is 26. Find the numbers.

9) _____ The greater of two numbers is 6 less than nine times the smaller number. Their sum is 64. Find the numbers.

10) _____ The greater of two numbers is 3 less than four times the smaller number. Their sum is 32. Find the numbers.

11) _____ The greater of two numbers is 2 less than six times the smaller number. Their sum is 47. Find the numbers.

12) _____ The greater of two numbers is 6 less than three times the smaller number. Their sum is 38. Find the numbers.

13) _____ The greater of two numbers is 10 less than three times the smaller number. Their sum is 6. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ Four times a number equals 30 less than seven times the number. What is the number?

2) ___ Six times a number equals 12 less than ten times the number. What is the number?

3) ___ Five times a number equals 44 less than nine times the number. What is the number?

4) ___ Six times a number equals 36 less than nine times the number. What is the number?

5) ___ Two times a number equals 8 less than six times the number. What is the number?

6) ___ Six times a number equals 18 less than nine times the number. What is the number?

7) ___ Three times a number equals 18 less than five times the number. What is the number?

8) ___ Six times a number equals 21 less than nine times the number. What is the number?

9) ___ Five times a number equals 32 less than nine times the number. What is the number?

10) ___ Five times a number equals 8 less than seven times the number. What is the number?

11) ___ Three times a number equals 15 less than six times the number. What is the number?

12) ___ Four times a number equals 27 less than seven times the number. What is the number?

13) ___ Four times a number equals 24 less than six times the number. What is the number?

14) ___ Three times a number equals 21 less than six times the number. What is the number?

15) ___ Six times a number equals 4 less than eight times the number. What is the number?

16) ___ Six times a number equals 44 less than ten times the number. What is the number?

17) ___ Six times a number equals 16 less than ten times the number. What is the number?

18) ___ Three times a number equals 36 less than six times the number. What is the number?

Number Problems

Solve.

1) ___ 14 is equal to the product of two and some number. Find the number.

2) ___ 21 is equal to the product of seven and some number. Find the number.

3) ___ 60 is equal to the product of six and some number. Find the number.

4) ___ 12 is equal to the product of two and some number. Find the number.

5) ___ 24 is equal to the product of three and some number. Find the number.

6) ___ 96 is equal to the product of eight and some number. Find the number.

7) ___ 81 is equal to the product of nine and some number. Find the number.

8) ___ 66 is equal to the product of six and some number. Find the number.

9) ___ 6 is equal to the product of three and some number. Find the number.

10) ___ 50 is equal to the product of ten and some number. Find the number.

11) ___ 20 is equal to the product of five and some number. Find the number.

12) ___ 36 is equal to the product of nine and some number. Find the number.

13) ___ 36 is equal to the product of four and some number. Find the number.

14) ___ 35 is equal to the product of five and some number. Find the number.

15) ___ 27 is equal to the product of nine and some number. Find the number.

16) ___ 63 is equal to the product of seven and some number. Find the number.

17) ___ 45 is equal to the product of five and some number. Find the number.

18) ___ 40 is equal to the product of eight and some number. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ The difference of a number and eight is equal to 10. What is the number?

2) ___ The difference of a number and four is equal to 8. What is the number?

3) ___ The difference of a number and ten is equal to 4. What is the number?

4) ___ The difference of a number and eleven is equal to 8. What is the number?

5) ___ The difference of a number and eleven is equal to 12. What is the number?

6) ___ The difference of a number and five is equal to 6. What is the number?

7) ___ The difference of a number and eight is equal to 5. What is the number?

8) ___ The difference of a number and ten is equal to 12. What is the number?

9) ___ The difference of a number and four is equal to 6. What is the number?

10) ___ The difference of a number and twelve is equal to 4. What is the number?

11) ___ The difference of a number and three is equal to 6. What is the number?

12) ___ The difference of a number and two is equal to 3. What is the number?

13) ___ The difference of a number and four is equal to 3. What is the number?

14) ___ The difference of a number and nine is equal to 11. What is the number?

15) ___ The difference of a number and twelve is equal to 3. What is the number?

16) ___ The difference of a number and six is equal to 11. What is the number?

17) ___ The difference of a number and six is equal to 2. What is the number?

18) ___ The difference of a number and eleven is equal to 10. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ Nine is equal to the quotient of a number and 2. Find the number.

2) ___ Nine is equal to the quotient of a number and 10. Find the number.

3) ___ Ten is equal to the quotient of a number and 9. Find the number.

4) ___ Three is equal to the quotient of a number and 10. Find the number.

5) ___ Four is equal to the quotient of a number and 4. Find the number.

6) ___ Seven is equal to the quotient of a number and 4. Find the number.

7) ___ Four is equal to the quotient of a number and 6. Find the number.

8) ___ Six is equal to the quotient of a number and 4. Find the number.

9) ___ Seven is equal to the quotient of a number and 6. Find the number.

10) ___ Ten is equal to the quotient of a number and 9. Find the number.

11) ___ Nine is equal to the quotient of a number and 10. Find the number.

12) ___ Two is equal to the quotient of a number and 7. Find the number.

13) ___ Eight is equal to the quotient of a number and 9. Find the number.

14) ___ Eight is equal to the quotient of a number and 9. Find the number.

15) ___ Ten is equal to the quotient of a number and 8. Find the number.

16) ___ Seven is equal to the quotient of a number and 5. Find the number.

17) ___ Seven is equal to the quotient of a number and 10. Find the number.

18) ___ Two is equal to the quotient of a number and 2. Find the number.

Number Problems

Solve.

1) ___ The product of six and some number is equal to the sum of that number and 40. What is the number?

2) ___ The product of seven and some number is equal to the sum of that number and 66. What is the number?

3) ___ The product of two and some number is equal to the sum of that number and 3. What is the number?

4) ___ The product of seven and some number is equal to the sum of that number and 30. What is the number?

5) ___ The product of nine and some number is equal to the sum of that number and 80. What is the number?

6) ___ The product of two and some number is equal to the sum of that number and 2. What is the number?

7) ___ The product of six and some number is equal to the sum of that number and 60. What is the number?

8) ___ The product of seven and some number is equal to the sum of that number and 54. What is the number?

9) ___ The product of seven and some number is equal to the sum of that number and 36. What is the number?

10) ___ The product of six and some number is equal to the sum of that number and 35. What is the number?

11) ___ The product of three and some number is equal to the sum of that number and 8. What is the number?

12) ___ The product of six and some number is equal to the sum of that number and 60. What is the number?

13) ___ The product of three and some number is equal to the sum of that number and 14. What is the number?

Number Problems

Solve.

1) _____ One number is five more than another number. The sum of the larger number and twice the smaller number is 38. Find the numbers?

2) _____ One number is five more than another number. The sum of the larger number and twice the smaller number is 32. Find the numbers?

3) _____ One number is two more than another number. The sum of the larger number and twice the smaller number is 26. Find the numbers?

4) _____ One number is nine more than another number. The sum of the larger number and twice the smaller number is 27. Find the numbers?

5) _____ One number is six more than another number. The sum of the larger number and twice the smaller number is 39. Find the numbers?

6) _____ One number is six more than another number. The sum of the larger number and twice the smaller number is 42. Find the numbers?

7) _____ One number is ten more than another number. The sum of the larger number and twice the smaller number is 22. Find the numbers?

8) _____ One number is five more than another number. The sum of the larger number and twice the smaller number is 35. Find the numbers?

9) _____ One number is nine more than another number. The sum of the larger number and twice the smaller number is 21. Find the numbers?

10) _____ One number is nine more than another number. The sum of the larger number and twice the smaller number is 36. Find the numbers?

11) _____ One number is seven more than another number. The sum of the larger number and twice the smaller number is 40. Find the numbers?

12) _____ One number is two more than another number. The sum of the larger number and twice the smaller number is 20. Find the numbers?

13) _____ One number is nine more than another number. The sum of the larger number and twice the smaller number is 24. Find the numbers?

Number Problems

Solve.

1) ___ When a number is divided by seven, the result is 9. What is the number?

2) ___ When a number is divided by two, the result is 11. What is the number?

3) ___ When a number is divided by three, the result is 5. What is the number?

4) ___ When a number is divided by eight, the result is 4. What is the number?

5) ___ When a number is divided by ten, the result is 8. What is the number?

6) ___ When a number is divided by eight, the result is 6. What is the number?

7) ___ When a number is divided by nine, the result is 8. What is the number?

8) ___ When a number is divided by nine, the result is 3. What is the number?

9) ___ When a number is divided by two, the result is 8. What is the number?

10) ___ When a number is divided by eight, the result is 7. What is the number?

11) ___ When a number is divided by eight, the result is 2. What is the number?

12) ___ When a number is divided by four, the result is 8. What is the number?

13) ___ When a number is divided by two, the result is 11. What is the number?

14) ___ When a number is divided by nine, the result is 7. What is the number?

15) ___ When a number is divided by seven, the result is 7. What is the number?

16) ___ When a number is divided by eight, the result is 4. What is the number?

17) ___ When a number is divided by two, the result is 3. What is the number?

18) ___ When a number is divided by eight, the result is 4. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ If the product of four and a number is increased by 10, the result is 22. Find the number?

2) ___ If the product of nine and a number is increased by 8, the result is 62. Find the number?

3) ___ If the product of eight and a number is increased by 2, the result is 74. Find the number?

4) ___ If the product of ten and a number is increased by 7, the result is 77. Find the number?

5) ___ If the product of two and a number is increased by 7, the result is 23. Find the number?

6) ___ If the product of eight and a number is increased by 12, the result is 76. Find the number?

7) ___ If the product of nine and a number is increased by 9, the result is 63. Find the number?

8) ___ If the product of six and a number is increased by 9, the result is 81. Find the number?

9) ___ If the product of five and a number is increased by 12, the result is 47. Find the number?

10) ___ If the product of five and a number is increased by 5, the result is 65. Find the number?

11) ___ If the product of seven and a number is increased by 4, the result is 46. Find the number?

12) ___ If the product of seven and a number is increased by 10, the result is 52. Find the number?

13) ___ If the product of four and a number is increased by 9, the result is 45. Find the number?

14) ___ If the product of five and a number is increased by 11, the result is 46. Find the number?

15) ___ If the product of five and a number is increased by 7, the result is 47. Find the number?

16) ___ If the product of four and a number is increased by 9, the result is 41. Find the number?

17) ___ If the product of nine and a number is increased by 3, the result is 21. Find the number?

18) ___ If the product of five and a number is increased by 4, the result is 64. Find the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) ___ Five more than twice a number is equal to the number increased by 9. What is the number?

2) ___ Nine more than five times a number is equal to the number increased by 41. What is the number?

3) ___ Six more than eight times a number is equal to the number increased by 48. What is the number?

4) ___ Eight more than seven times a number is equal to the number increased by 32. What is the number?

5) ___ Eleven more than three times a number is equal to the number increased by 25. What is the number?

6) ___ Eleven more than ten times a number is equal to the number increased by 56. What is the number?

7) ___ Five more than eight times a number is equal to the number increased by 19. What is the number?

8) ___ Seven more than five times a number is equal to the number increased by 19. What is the number?

9) ___ Ten more than five times a number is equal to the number increased by 22. What is the number?

10) ___ Three more than three times a number is equal to the number increased by 25. What is the number?

11) ___ Eleven more than six times a number is equal to the number increased by 41. What is the number?

12) ___ Eleven more than twice a number is equal to the number increased by 13. What is the number?

13) ___ Twelve more than four times a number is equal to the number increased by 30. What is the number?

Number Problems

Solve.

1) _____ The sum of the first and third of three consecutive numbers is 24. Find the numbers.

2) _____ The sum of the first and third of three consecutive numbers is 18. Find the numbers.

3) _____ The sum of the first and third of three consecutive numbers is 16. Find the numbers.

4) _____ The sum of the first and third of three consecutive numbers is 10. Find the numbers.

5) _____ The sum of the first and third of three consecutive numbers is 20. Find the numbers.

6) _____ The sum of the first and third of three consecutive numbers is 8. Find the numbers.

7) _____ The sum of the first and third of three consecutive numbers is 12. Find the numbers.

8) _____ The sum of the first and third of three consecutive numbers is 14. Find the numbers.

9) _____ The sum of the first and third of three consecutive numbers is 22. Find the numbers.

10) _____ The sum of the first and third of three consecutive numbers is 6. Find the numbers.

11) _____ The sum of the first and third of three consecutive numbers is 26. Find the numbers.

12) _____ The sum of the first and third of three consecutive numbers is 20. Find the numbers.

13) _____ The sum of the first and third of three consecutive numbers is 6. Find the numbers.

Number Problems

Solve.

1) _____ The sum of the largest and three times the smallest of three consecutive numbers is equal to 38. Find the numbers.

2) _____ The sum of the largest and six times the smallest of three consecutive numbers is equal to 72. Find the numbers.

3) _____ The sum of the largest and four times the smallest of three consecutive numbers is equal to 27. Find the numbers.

4) _____ The sum of the largest and twice the smallest of three consecutive numbers is equal to 8. Find the numbers.

5) _____ The sum of the largest and nine times the smallest of three consecutive numbers is equal to 112. Find the numbers.

6) _____ The sum of the largest and eight times the smallest of three consecutive numbers is equal to 65. Find the numbers.

7) _____ The sum of the largest and twice the smallest of three consecutive numbers is equal to 11. Find the numbers.

8) _____ The sum of the largest and seven times the smallest of three consecutive numbers is equal to 98. Find the numbers.

9) _____ The sum of the largest and ten times the smallest of three consecutive numbers is equal to 68. Find the numbers.

10) _____ The sum of the largest and three times the smallest of three consecutive numbers is equal to 34. Find the numbers.

11) _____ The sum of the largest and three times the smallest of three consecutive numbers is equal to 18. Find the numbers.

12) _____ The sum of the largest and eight times the smallest of three consecutive numbers is equal to 20. Find the numbers.

13) _____ The sum of the largest and three times the smallest of three consecutive numbers is equal to 50. Find the numbers.

Number Problems

Solve.

1) _____ Find two consecutive even integers such that four times the smaller decreased by the larger is 10.

2) _____ Find two consecutive even integers such that eight times the smaller decreased by the larger is 68.

3) _____ Find two consecutive even integers such that five times the smaller decreased by the larger is 46.

4) _____ Find two consecutive even integers such that four times the smaller decreased by the larger is 16.

5) _____ Find two consecutive even integers such that nine times the smaller decreased by the larger is 14.

6) _____ Find two consecutive even integers such that eight times the smaller decreased by the larger is 54.

7) _____ Find two consecutive even integers such that three times the smaller decreased by the larger is 6.

8) _____ Find two consecutive even integers such that eight times the smaller decreased by the larger is 54.

9) _____ Find two consecutive even integers such that five times the smaller decreased by the larger is 22.

10) _____ Find two consecutive even integers such that four times the smaller decreased by the larger is 34.

11) _____ Find two consecutive even integers such that three times the smaller decreased by the larger is 18.

12) _____ Find two consecutive even integers such that four times the smaller decreased by the larger is 28.

13) _____ Find two consecutive even integers such that eight times the smaller decreased by the larger is 40.

Number Problems

Solve.

1) _____ Find two consecutive odd integers such that ten times the larger decreased by the smaller is 101.

2) _____ Find two consecutive odd integers such that six times the larger decreased by the smaller is 47.

3) _____ Find two consecutive odd integers such that six times the larger decreased by the smaller is 37.

4) _____ Find two consecutive odd integers such that seven times the larger decreased by the smaller is 32.

5) _____ Find two consecutive odd integers such that three times the larger decreased by the smaller is 28.

6) _____ Find two consecutive odd integers such that four times the larger decreased by the smaller is 47.

7) _____ Find two consecutive odd integers such that five times the larger decreased by the smaller is 54.

8) _____ Find two consecutive odd integers such that five times the larger decreased by the smaller is 54.

9) _____ Find two consecutive odd integers such that four times the larger decreased by the smaller is 17.

10) _____ Find two consecutive odd integers such that three times the larger decreased by the smaller is 32.

11) _____ Find two consecutive odd integers such that ten times the larger decreased by the smaller is 119.

12) _____ Find two consecutive odd integers such that twice the larger decreased by the smaller is 11.

13) _____ Find two consecutive odd integers such that eight times the larger decreased by the smaller is 65.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) _____ Two more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

2) _____ Fourteen more than the second of three consecutive even integers is the same as the difference between the third and four times the first. Find the numbers.

3) _____ -4 more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

4) _____ -6 more than the second of three consecutive even integers is the same as the difference between the third and twice the first. Find the numbers.

5) _____ more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

6) _____ Ninety more than the second of three consecutive even integers is the same as the difference between the third and ten times the first. Find the numbers.

7) _____ Twenty-four more than the second of three consecutive even integers is the same as the difference between the third and seven times the first. Find the numbers.

8) _____ Forty-two more than the second of three consecutive even integers is the same as the difference between the third and ten times the first. Find the numbers.

9) _____ Fifty-eight more than the second of three consecutive even integers is the same as the difference between the third and ten times the first. Find the numbers.

10) _____ Four more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

11) _____ -6 more than the second of three consecutive even integers is the same as the difference between the third and twice the first. Find the numbers.

12) _____ more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

13) _____ Six more than the second of three consecutive even integers is the same as the difference between the third and four times the first. Find the numbers.

Number Problems

Solve.

1) _____ One number is 4 more than another number. The sum of twice the larger number and seven times the smaller is 116. What are the numbers?

2) _____ One number is 10 more than another number. The sum of four times the larger number and three times the smaller is 54. What are the numbers?

3) _____ One number is 11 more than another number. The sum of twice the larger number and nine times the smaller is 55. What are the numbers?

4) _____ One number is 8 more than another number. The sum of three times the larger number and five times the smaller is 96. What are the numbers?

5) _____ One number is 2 more than another number. The sum of nine times the larger number and five times the smaller is 88. What are the numbers?

6) _____ One number is 10 more than another number. The sum of ten times the larger number and seven times the smaller is 236. What are the numbers?

7) _____ One number is 7 more than another number. The sum of three times the larger number and three times the smaller is 87. What are the numbers?

8) _____ One number is 8 more than another number. The sum of nine times the larger number and seven times the smaller is 216. What are the numbers?

9) _____ One number is 5 more than another number. The sum of twice the larger number and four times the smaller is 64. What are the numbers?

10) _____ One number is 8 more than another number. The sum of eight times the larger number and twice the smaller is 184. What are the numbers?

11) _____ One number is 5 more than another number. The sum of five times the larger number and six times the smaller is 69. What are the numbers?

12) _____ One number is 11 more than another number. The sum of twice the larger number and four times the smaller is 64. What are the numbers?

13) _____ One number is 9 more than another number. The sum of six times the larger number and ten times the smaller is 150. What are the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) _____ The sum of three numbers is 116. The largest number is nine times the smallest, and the smallest is six less than the middle number. Find the numbers.

2) _____ The sum of three numbers is 106. The largest number is eight times the smallest, and the smallest is six less than the middle number. Find the numbers.

3) _____ The sum of three numbers is 106. The largest number is nine times the smallest, and the smallest is seven less than the middle number. Find the numbers.

4) _____ The sum of three numbers is 127. The largest number is nine times the smallest, and the smallest is six less than the middle number. Find the numbers.

5) _____ The sum of three numbers is 20. The largest number is five times the smallest, and the smallest is six less than the middle number. Find the numbers.

6) _____ The sum of three numbers is 42. The largest number is five times the smallest, and the smallest is seven less than the middle number. Find the numbers.

7) _____ The sum of three numbers is 67. The largest number is eight times the smallest, and the smallest is seven less than the middle number. Find the numbers.

8) _____ The sum of three numbers is 150. The largest number is ten times the smallest, and the smallest is six less than the middle number. Find the numbers.

9) _____ The sum of three numbers is 26. The largest number is eight times the smallest, and the smallest is six less than the middle number. Find the numbers.

10) _____ The sum of three numbers is 55. The largest number is five times the smallest, and the smallest is six less than the middle number. Find the numbers.

11) _____ The sum of three numbers is 39. The largest number is six times the smallest, and the smallest is seven less than the middle number. Find the numbers.

12) _____ The sum of three numbers is 86. The largest number is six times the smallest, and the smallest is six less than the middle number. Find the numbers.

13) _____ The sum of three numbers is 114. The largest number is ten times the smallest, and the smallest is six less than the middle number. Find the numbers.

Number Problems

Solve.

1) _____ Four-fifths of a number increased by 1 is 5. What is the number?

2) _____ One of two numbers is eight more than the other. The sum of the numbers is 18. Find the numbers.

3) _____ The sum of two numbers is 7. The difference of the same two numbers is three. Find the numbers.

4) _____ If the product of two and a number is increased by 4, the result is 18. Find the number?

5) _____ One of two numbers is three-fourths of the other number. The sum of the numbers is 7. Find the numbers.

6) _____ The sum of the largest and ten times the smallest of three consecutive numbers is equal to 101. Find the numbers.

7) _____ Seven is equal to the quotient of a number and 4. Find the number.

8) _____ One-third of a number diminished by 6 is 0. Find the number.

9) _____ The difference of two numbers is 23. The larger number is 7 more than nine times the smaller number. What are the numbers?

10) _____ The difference of two numbers is 27. The larger number is 3 more than five times the smaller number. What are the numbers?

11) _____ Four more than a number is 6. What is the number?

12) _____ The difference of a number and four is equal to 6. What is the number?

13) _____ The greater of two numbers is 7 less than two times the smaller number. Their sum is 20. Find the numbers.

14) _____ The sum of the largest and eight times the smallest of three consecutive numbers is equal to 38. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) 1 + y = 11 _____
2) 3 + y = 7 _____
3) 10 + y = 11 _____
4) y + 3 = 4 _____
5) y + 12 = 20 _____
6) y + 8 = 16 _____
7) y + 9 = 12 _____
8) 12 + y = 23 _____
9) y + 5 = 6 _____
10) 3 + y = 15 _____
11) 11 + y = 18 _____
12) 10 + y = 20 _____
13) 8 + y = 11 _____
14) y + 8 = 17 _____
15) y + 5 = 8 _____
16) y + 11 = 16 _____
17) y + 2 = 4 _____
18) 11 + y = 12 _____
19) y + 10 = 15 _____
20) y + 4 = 15 _____
21) 4 + y = 14 _____
22) 4 + y = 5 _____
23) 6 + y = 16 _____
24) y + 4 = 13 _____
25) y + 7 = 13 _____
26) y + 1 = 10 _____
27) 12 + y = 19 _____
28) y + 2 = 8 _____
29) y + 3 = 12 _____
30) 10 + y = 13 _____
31) 10 + y = 12 _____
32) 10 + y = 14 _____
33) 6 + y = 7 _____
34) 6 + y = 11 _____
35) y + 2 = 13 _____
36) y + 12 = 14 _____
37) y + 9 = 18 _____
38) y + 12 = 16 _____
39) 11 + y = 14 _____
40) 11 + y = 15 _____
41) y + 5 = 15 _____
42) 4 + y = 7 _____
43) 6 + y = 18 _____
44) y + 1 = 5 _____
45) 5 + y = 11 _____
46) 8 + y = 19 _____
47) 12 + y = 22 _____
48) 2 + y = 12 _____
49) y + 4 = 16 _____
50) y + 9 = 14 _____
51) y + 8 = 20 _____
52) y + 8 = 13 _____
53) 8 + y = 12 _____
54) y + 3 = 8 _____
55) y + 9 = 15 _____
56) 6 + y = 15 _____
57) y + 2 = 5 _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $y - 2 = 1$ _____
2) $y - 7 = 4$ _____
3) $y - 5 = 6$ _____
4) $1 - y = 0$ _____
5) $11 - y = 2$ _____
6) $5 - y = 2$ _____
7) $12 - y = 9$ _____
8) $5 - y = 4$ _____
9) $y - 3 = 5$ _____
10) $y - 4 = 6$ _____
11) $y - 10 = 0$ _____
12) $6 - y = 1$ _____
13) $10 - y = 5$ _____
14) $12 - y = 1$ _____
15) $7 - y = 1$ _____
16) $y - 4 = 3$ _____
17) $7 - y = 6$ _____
18) $6 - y = 0$ _____
19) $5 - y = 0$ _____
20) $10 - y = 5$ _____
21) $y - 2 = 10$ _____
22) $8 - y = 3$ _____
23) $y - 7 = 4$ _____
24) $y - 2 = 1$ _____
25) $y - 2 = 7$ _____
26) $y - 11 = 1$ _____
27) $12 - y = 5$ _____
28) $6 - y = 5$ _____
29) $y - 8 = 4$ _____
30) $y - 3 = 1$ _____
31) $y - 1 = 5$ _____
32) $10 - y = 8$ _____
33) $y - 4 = 4$ _____
34) $11 - y = 8$ _____
35) $y - 9 = 0$ _____
36) $y - 1 = 11$ _____
37) $10 - y = 8$ _____
38) $12 - y = 7$ _____
39) $y - 4 = 7$ _____
40) $y - 3 = 7$ _____
41) $7 - y = 2$ _____
42) $y - 1 = 1$ _____
43) $y - 2 = 4$ _____
44) $y - 1 = 3$ _____
45) $12 - y = 11$ _____
46) $y - 7 = 1$ _____
47) $4 - y = 3$ _____
48) $7 - y = 1$ _____
49) $y - 2 = 5$ _____
50) $y - 2 = 3$ _____
51) $y - 8 = 3$ _____
52) $y - 2 = 6$ _____
53) $7 - y = 0$ _____
54) $10 - y = 3$ _____
55) $y - 11 = 0$ _____
56) $y - 7 = 2$ _____
57) $y - 6 = 3$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $y \times 12 = 120$ _____
2) $y \times 12 = 24$ _____
3) $y \times 3 = 9$ _____
4) $5 \times y = 60$ _____
5) $8 \times y = 96$ _____
6) $y \times 6 = 60$ _____
7) $5 \times y = 55$ _____
8) $y \times 12 = 132$ _____
9) $y \times 6 = 36$ _____
10) $9 \times y = 108$ _____
11) $4 \times y = 20$ _____
12) $y \times 12 = 12$ _____
13) $6 \times y = 42$ _____
14) $y \times 10 = 110$ _____
15) $3 \times y = 18$ _____
16) $y \times 8 = 56$ _____
17) $5 \times y = 40$ _____
18) $3 \times y = 33$ _____
19) $11 \times y = 88$ _____
20) $11 \times y = 121$ _____
21) $y \times 6 = 48$ _____
22) $4 \times y = 28$ _____
23) $y \times 10 = 120$ _____
24) $y \times 3 = 21$ _____
25) $y \times 1 = 6$ _____
26) $1 \times y = 10$ _____
27) $y \times 5 = 10$ _____
28) $y \times 7 = 77$ _____
29) $y \times 7 = 63$ _____
30) $y \times 7 = 42$ _____
31) $y \times 3 = 12$ _____
32) $y \times 9 = 99$ _____
33) $12 \times y = 72$ _____
34) $3 \times y = 15$ _____
35) $7 \times y = 7$ _____
36) $y \times 10 = 10$ _____
37) $10 \times y = 20$ _____
38) $4 \times y = 4$ _____
39) $y \times 4 = 16$ _____
40) $y \times 8 = 8$ _____
41) $y \times 10 = 50$ _____
42) $y \times 10 = 90$ _____
43) $1 \times y = 8$ _____
44) $y \times 6 = 54$ _____
45) $y \times 11 = 132$ _____
46) $7 \times y = 14$ _____
47) $7 \times y = 56$ _____
48) $y \times 4 = 24$ _____
49) $y \times 5 = 15$ _____
50) $8 \times y = 32$ _____
51) $9 \times y = 81$ _____
52) $y \times 6 = 66$ _____
53) $y \times 6 = 6$ _____
54) $y \times 2 = 24$ _____
55) $11 \times y = 77$ _____
56) $7 \times y = 49$ _____
57) $y \times 12 = 84$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) 15 ÷ y = 3 _____
2) 35 ÷ y = 5 _____
3) 36 ÷ y = 9 _____
4) y ÷ 2 = 2 _____
5) y ÷ 4 = 1 _____
6) 54 ÷ y = 9 _____
7) 11 ÷ y = 1 _____
8) 10 ÷ y = 2 _____
9) y ÷ 2 = 1 _____
10) 99 ÷ y = 11 _____
11) y ÷ 10 = 7 _____
12) 60 ÷ y = 5 _____
13) 48 ÷ y = 12 _____
14) y ÷ 7 = 12 _____
15) 32 ÷ y = 8 _____
16) 14 ÷ y = 7 _____
17) y ÷ 10 = 3 _____
18) y ÷ 7 = 7 _____
19) y ÷ 4 = 11 _____
20) 30 ÷ y = 3 _____
21) y ÷ 9 = 10 _____
22) y ÷ 6 = 7 _____
23) 55 ÷ y = 5 _____
24) y ÷ 8 = 7 _____
25) y ÷ 10 = 5 _____
26) y ÷ 2 = 6 _____
27) 5 ÷ y = 5 _____
28) y ÷ 8 = 3 _____
29) y ÷ 11 = 12 _____
30) y ÷ 5 = 8 _____
31) 60 ÷ y = 6 _____
32) 30 ÷ y = 5 _____
33) y ÷ 5 = 5 _____
34) 9 ÷ y = 1 _____
35) 45 ÷ y = 9 _____
36) 40 ÷ y = 4 _____
37) 36 ÷ y = 12 _____
38) y ÷ 8 = 11 _____
39) y ÷ 10 = 2 _____
40) y ÷ 2 = 7 _____
41) y ÷ 11 = 3 _____
42) y ÷ 2 = 8 _____
43) 6 ÷ y = 2 _____
44) y ÷ 7 = 4 _____
45) 20 ÷ y = 4 _____
46) y ÷ 11 = 10 _____
47) 20 ÷ y = 5 _____
48) y ÷ 12 = 7 _____
49) 66 ÷ y = 6 _____
50) y ÷ 6 = 2 _____
51) 72 ÷ y = 9 _____
52) y ÷ 10 = 6 _____
53) 72 ÷ y = 6 _____
54) y ÷ 3 = 9 _____
55) y ÷ 10 = 12 _____
56) 63 ÷ y = 7 _____
57) y ÷ 7 = 11 _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $3y + 6 = 24$ _____
2) $2y + 9 = 23$ _____
3) $5y + 6 = 61$ _____
4) $3 + 10y = 33$ _____
5) $3 + 5y = 58$ _____
6) $9y + 12 = 102$ _____
7) $3 + 11y = 102$ _____
8) $12y + 9 = 117$ _____
9) $12 + 5y = 37$ _____
10) $1y + 3 = 15$ _____
11) $2y + 1 = 5$ _____
12) $4 + 9y = 103$ _____
13) $3y + 7 = 13$ _____
14) $11y + 10 = 54$ _____
15) $6y + 8 = 44$ _____
16) $11 + 1y = 19$ _____
17) $11y + 10 = 142$ _____
18) $3y + 6 = 18$ _____
19) $2 + 1y = 11$ _____
20) $4 + 5y = 34$ _____
21) $2y + 7 = 15$ _____
22) $1 + 8y = 33$ _____
23) $12 + 5y = 57$ _____
24) $12 + 12y = 48$ _____
25) $5y + 5 = 55$ _____
26) $6 + 9y = 33$ _____
27) $11 + 9y = 119$ _____
28) $11 + 7y = 53$ _____
29) $7 + 12y = 79$ _____
30) $10 + 10y = 20$ _____
31) $7y + 9 = 93$ _____
32) $8y + 1 = 25$ _____
33) $12y + 7 = 67$ _____
34) $6y + 8 = 50$ _____
35) $6y + 5 = 59$ _____
36) $12y + 6 = 30$ _____
37) $11y + 11 = 110$ _____
38) $4y + 7 = 47$ _____
39) $10y + 5 = 85$ _____
40) $10 + 12y = 82$ _____
41) $7y + 2 = 44$ _____
42) $8y + 4 = 76$ _____
43) $7y + 5 = 19$ _____
44) $8y + 5 = 29$ _____
45) $5 + 11y = 137$ _____
46) $9 + 9y = 99$ _____
47) $2y + 3 = 15$ _____
48) $7y + 8 = 36$ _____
49) $3y + 11 = 23$ _____
50) $10 + 11y = 65$ _____
51) $4 + 6y = 22$ _____
52) $4 + 3y = 19$ _____
53) $12y + 11 = 131$ _____
54) $2 + 1y = 10$ _____
55) $4 + 10y = 14$ _____
56) $2 + 12y = 62$ _____
57) $12y + 6 = 18$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $30 - 5y = 5$ _____
2) $61 - 9y = 7$ _____
3) $44 - 5y = 9$ _____
4) $21 - 5y = 1$ _____
5) $48 - 10y = 8$ _____
6) $68 - 6y = 8$ _____
7) $4y - 10 = 22$ _____
8) $6y - 3 = 39$ _____
9) $69 - 6y = 3$ _____
10) $11y - 2 = 20$ _____
11) $2y - 12 = 8$ _____
12) $11 - 1y = 8$ _____
13) $9 - 2y = 1$ _____
14) $8y - 5 = 3$ _____
15) $32 - 5y = 2$ _____
16) $8y - 1 = 55$ _____
17) $2y - 10 = 14$ _____
18) $25 - 8y = 1$ _____
19) $39 - 12y = 3$ _____
20) $28 - 11y = 6$ _____
21) $55 - 6y = 7$ _____
22) $34 - 5y = 4$ _____
23) $6y - 9 = 39$ _____
24) $2y - 4 = 2$ _____
25) $68 - 6y = 2$ _____
26) $52 - 6y = 4$ _____
27) $4y - 5 = 35$ _____
28) $8y - 6 = 82$ _____
29) $6y - 3 = 45$ _____
30) $11y - 2 = 130$ _____
31) $67 - 10y = 7$ _____
32) $70 - 7y = 0$ _____
33) $4y - 3 = 13$ _____
34) $3y - 3 = 24$ _____
35) $8y - 1 = 39$ _____
36) $50 - 5y = 5$ _____
37) $4y - 12 = 0$ _____
38) $4y - 11 = 25$ _____
39) $9y - 4 = 86$ _____
40) $62 - 5y = 7$ _____
41) $19 - 2y = 7$ _____
42) $113 - 9y = 5$ _____
43) $9y - 2 = 97$ _____
44) $10y - 2 = 28$ _____
45) $3y - 1 = 23$ _____
46) $10y - 12 = 58$ _____
47) $12y - 7 = 77$ _____
48) $32 - 6y = 8$ _____
49) $10y - 2 = 48$ _____
50) $3y - 1 = 32$ _____
51) $11y - 3 = 107$ _____
52) $34 - 7y = 6$ _____
53) $8 - 8y = 0$ _____
54) $6 - 2y = 4$ _____
55) $4 - 4y = 0$ _____
56) $50 - 4y = 6$ _____
57) $65 - 8y = 9$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $5 \times y = 25$ _____
2) $84 - 12y = 0$ _____
3) $11y - 12 = 54$ _____
4) $y \div 11 = 4$ _____
5) $y + 10 = 21$ _____
6) $4 - y = 2$ _____
7) $y + 1 = 4$ _____
8) $1y + 8 = 14$ _____
9) $y \times 1 = 6$ _____
10) $y \times 2 = 18$ _____
11) $y \div 6 = 8$ _____
12) $132 \div y = 11$ _____
13) $y \div 4 = 6$ _____
14) $3y + 9 = 36$ _____
15) $y \div 6 = 12$ _____
16) $y + 4 = 9$ _____
17) $6 + 4y = 34$ _____
18) $y + 12 = 24$ _____
19) $4y - 5 = 23$ _____
20) $y + 7 = 19$ _____
21) $66 \div y = 11$ _____
22) $y \div 3 = 12$ _____
23) $y \div 12 = 11$ _____
24) $5 + y = 8$ _____
25) $9 \times y = 36$ _____
26) $56 - 8y = 8$ _____
27) $11y - 3 = 74$ _____
28) $y - 8 = 1$ _____
29) $1 \times y = 1$ _____
30) $6 + y = 16$ _____
31) $y + 1 = 6$ _____
32) $99 \div y = 9$ _____
33) $y \div 9 = 6$ _____
34) $11 \times y = 121$ _____
35) $12 - 7y = 5$ _____
36) $y \times 7 = 70$ _____
37) $22 - 5y = 7$ _____
38) $y - 4 = 4$ _____
39) $35 - 8y = 3$ _____
40) $4 + 3y = 13$ _____
41) $y \times 4 = 48$ _____
42) $9y + 5 = 104$ _____
43) $9 - y = 4$ _____
44) $10 + 11y = 120$ _____
45) $11 + y = 18$ _____
46) $24 \div y = 8$ _____
47) $11 \times y = 55$ _____
48) $2 + 5y = 12$ _____
49) $10 \div y = 1$ _____
50) $42 - 8y = 2$ _____
51) $2 \times y = 20$ _____
52) $20 - 3y = 5$ _____
53) $y \div 8 = 11$ _____
54) $y - 1 = 7$ _____
55) $52 - 4y = 8$ _____
56) $7y - 7 = 0$ _____
57) $y - 6 = 3$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $2x = 6 - x$ _____
2) $4x = 45 - x$ _____
3) $45 - x = 4x$ _____
4) $3x = 14 + x$ _____
5) $3x = 20 - x$ _____
6) $21 - x = 2x$ _____
7) $2x = 6 + x$ _____
8) $28 - x = 6x$ _____
9) $30 + x = 7x$ _____
10) $28 - x = 3x$ _____
11) $4x = 18 + x$ _____
12) $2x = 6 - x$ _____
13) $5x = 48 - x$ _____
14) $5x = 24 + x$ _____
15) $5x = 24 - x$ _____
16) $5x = 18 - x$ _____
17) $36 + x = 5x$ _____
18) $30 - x = 4x$ _____
19) $2x = 4 + x$ _____
20) $42 + x = 8x$ _____
21) $24 + x = 7x$ _____
22) $21 + x = 8x$ _____
23) $45 - x = 8x$ _____
24) $3x = 18 + x$ _____
25) $18 + x = 4x$ _____
26) $5x = 48 - x$ _____
27) $6x = 10 + x$ _____
28) $8 + x = 2x$ _____
29) $4 + x = 3x$ _____
30) $6x = 49 - x$ _____
31) $36 - x = 5x$ _____
32) $8 - x = 3x$ _____
33) $6x = 25 + x$ _____
34) $5x = 18 - x$ _____
35) $18 - x = 5x$ _____
36) $20 - x = 4x$ _____
37) $9 - x = 2x$ _____
38) $2x = 9 + x$ _____
39) $3x = 14 + x$ _____
40) $5x = 48 - x$ _____
41) $12 + x = 3x$ _____
42) $6x = 20 + x$ _____
43) $10 + x = 6x$ _____
44) $6x = 25 + x$ _____
45) $2x = 27 - x$ _____
46) $16 + x = 3x$ _____
47) $12 - x = 3x$ _____
48) $21 + x = 8x$ _____
49) $63 + x = 8x$ _____
50) $8x = 36 - x$ _____
51) $40 + x = 6x$ _____
52) $7x = 42 + x$ _____
53) $24 - x = 2x$ _____
54) $6x = 35 - x$ _____
55) $42 - x = 5x$ _____
56) $4x = 15 + x$ _____
57) $2x = 2 + x$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $6 + 3x = 16 + x$ _____
2) $38 - x = 6x + 3$ _____
3) $3x + 2 = 22 - x$ _____
4) $29 - x = 2 + 2x$ _____
5) $30 - x = 3x + 6$ _____
6) $4x + 8 = 48 - x$ _____
7) $6x + 8 = 22 - x$ _____
8) $5x + 7 = 37 - x$ _____
9) $4 + 2x = 13 + x$ _____
10) $39 + x = 6x + 9$ _____
11) $8x + 5 = 47 + x$ _____
12) $6x + 8 = 43 + x$ _____
13) $54 - x = 9 + 8x$ _____
14) $5 + 8x = 19 + x$ _____
15) $4 + 8x = 60 + x$ _____
16) $14 - x = 4x + 4$ _____
17) $14 + x = 2x + 6$ _____
18) $6x + 5 = 50 + x$ _____
19) $14 + x = 2 + 3x$ _____
20) $27 - x = 3 + 5x$ _____
21) $3 + 3x = 7 + x$ _____
22) $14 + x = 3x + 8$ _____
23) $5 + 3x = 13 + x$ _____
24) $3x + 4 = 10 + x$ _____
25) $29 + x = 6x + 4$ _____
26) $7 + 5x = 31 - x$ _____
27) $3x + 6 = 12 + x$ _____
28) $38 - x = 4x + 3$ _____
29) $19 + x = 5x + 7$ _____
30) $8 + 2x = 35 - x$ _____
31) $34 - x = 6 + 3x$ _____
32) $45 + x = 5x + 9$ _____
33) $9 + x = 3x + 3$ _____
34) $6 + 8x = 69 + x$ _____
35) $3x + 8 = 28 - x$ _____
36) $4x + 7 = 13 + x$ _____
37) $4 + 2x = 22 - x$ _____
38) $61 - x = 5x + 7$ _____
39) $5x + 7 = 43 - x$ _____
40) $59 - x = 3 + 6x$ _____
41) $3x + 2 = 6 + x$ _____
42) $27 - x = 5x + 9$ _____
43) $17 - x = 5 + 3x$ _____
44) $25 + x = 5x + 9$ _____
45) $38 - x = 4x + 8$ _____
46) $8x + 3 = 84 - x$ _____
47) $7x + 2 = 34 - x$ _____
48) $17 - x = 9 + 3x$ _____
49) $7x + 5 = 53 + x$ _____
50) $9 + 3x = 25 + x$ _____
51) $55 + x = 7x + 7$ _____
52) $4 + 8x = 40 - x$ _____
53) $2 + 7x = 20 + x$ _____
54) $6x + 8 = 36 - x$ _____
55) $14 + x = 3x + 6$ _____
56) $27 + x = 3 + 5x$ _____
57) $20 - x = 6x + 6$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $9 + 3x + 7 = 27 + x + 1$ _____

2) $2 + 5x + 3 = 42 + x + -5$ _____

3) $88 - x = 8 + 8x + 8$ _____

4) $9 + 6x + 6 = 71 - x$ _____

5) $34 - x = 8 + 6x + 5$ _____

6) $7 + 8x + 9 = 47 - x + 14$ _____

7) $9 + 7x + 3 = 54 + x$ _____

8) $8 + 3x + 4 = 19 + x + 3$ _____

9) $17 - x + 11 = 8 + 3x + 8$ _____

10) $4 + 6x + 4 = 71 - x$ _____

11) $17 + x = 5 + 5x + 4$ _____

12) $20 + x + 0 = 2 + 2x + 9$ _____

13) $27 - x + 11 = 9 + 2x + 2$ _____

14) $3 + 3x + 6 = 21 - x + 8$ _____

15) $8 + 2x + 7 = 11 + x + 6$ _____

16) $2 + 7x + 8 = 26 - x$ _____

17) $16 + x = 4 + 2x + 3$ _____

18) $63 - x = 4 + 7x + 3$ _____

19) $8 + 3x + 7 = 31 - x$ _____

20) $5 + 8x + 8 = 27 + x$ _____

21) $30 - x = 3 + 7x + 3$ _____

22) $43 - x + 13 = 7 + 6x + 7$ _____

23) $9 + 6x + 4 = 34 - x$ _____

24) $8 + 8x + 3 = 53 + x$ _____

25) $19 - x = 5 + 4x + 4$ _____

26) $6 + 7x + 5 = 69 - x + 14$ _____

27) $9 + 8x + 3 = 84 - x$ _____

28) $18 + x + 3 = 6 + 4x + 6$ _____

29) $55 - x = 3 + 7x + 4$ _____

30) $4 + 8x + 4 = 44 - x$ _____

31) $8 + 5x + 5 = 55 - x$ _____

32) $67 - x = 8 + 8x + 5$ _____

33) $7 + 8x + 3 = 43 - x + 12$ _____

34) $25 - x = 2 + 3x + 7$ _____

35) $4 + 7x + 6 = 20 - x + 6$ _____

36) $30 + x + 0 = 6 + 3x + 8$ _____

37) $35 + x + -4 = 3 + 4x + 7$ _____

38) $5 + 6x + 8 = 32 - x + 9$ _____

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $17 + 2x = 3 + 9x$ _____
2) $6x + 4 = 9 + 5x$ _____
3) $58 - 2x = 5x + 9$ _____
4) $7 + 9x = 39 - 7x$ _____
5) $7 + 9x = 105 - 5x$ _____
6) $62 - 2x = 8x + 2$ _____
7) $19 + 2x = 4x + 5$ _____
8) $47 - 6x = 7x + 8$ _____
9) $25 + 3x = 5x + 9$ _____
10) $8x + 4 = 5x + 13$ _____
11) $5 + 9x = 90 - 8x$ _____
12) $5x + 5 = 69 - 3x$ _____
13) $3 + 8x = 19 + 6x$ _____
14) $5x + 8 = 62 - 4x$ _____
15) $113 - 7x = 8x + 8$ _____
16) $6 + 8x = 15 + 7x$ _____
17) $5 + 9x = 53 - 7x$ _____
18) $7x + 3 = 33 - 3x$ _____
19) $58 - 3x = 4x + 2$ _____
20) $22 + 6x = 8x + 6$ _____
21) $9x + 2 = 62 - 6x$ _____
22) $8 + 4x = 38 - 2x$ _____
23) $12 + 7x = 8x + 4$ _____
24) $6x + 5 = 71 - 5x$ _____
25) $12 + 5x = 6x + 8$ _____
26) $128 - 7x = 8x + 8$ _____
27) $8x + 4 = 9x + 2$ _____
28) $3 + 8x = 6x + 11$ _____
29) $3 + 6x = 102 - 5x$ _____
30) $9x + 2 = 50 - 7x$ _____
31) $9 + 2x = 3x + 2$ _____
32) $2x + 26 = 6 + 6x$ _____
33) $7 + 8x = 10 + 7x$ _____
34) $9x + 7 = 63 + 2x$ _____
35) $3 + 8x = 7x + 10$ _____
36) $9 + 7x = 6x + 18$ _____
37) $6x + 7 = 5 + 7x$ _____
38) $34 - 6x = 9x + 4$ _____
39) $6x + 12 = 7x + 7$ _____
40) $39 - 4x = 6x + 9$ _____
41) $5 + 8x = 7x + 14$ _____
42) $4 + 9x = 40 + 3x$ _____
43) $9x + 9 = 65 - 5x$ _____
44) $53 - 2x = 3 + 8x$ _____
45) $125 - 6x = 8 + 7x$ _____
46) $21 + 5x = 8x + 3$ _____
47) $9x + 6 = 21 + 4x$ _____
48) $9x + 9 = 84 - 6x$ _____
49) $7x + 6 = 6x + 8$ _____
50) $6 + 9x = 30 + 5x$ _____
51) $4x + 27 = 7x + 6$ _____
52) $83 - 4x = 5x + 2$ _____
53) $5 + 4x = 33 - 3x$ _____
54) $7x + 6 = 46 - 3x$ _____
55) $7x + 11 = 7 + 8x$ _____
56) $8 + 8x = 34 - 5x$ _____
57) $9x + 7 = 106 - 2x$ _____

Name:_____ Class:_____ Date:____/____/_____

Simplifying Expressions

Simplify the expressions.

1) $11y + 6 + y$

2) $-4 + 3 - 4y + 5y - 11 + 4y$

3) $-5 + 4y + 6 - y$

4) $-y - 2y$

5) $9y + 4 + 11y + 9 + 4y + 2$

6) $9 + 8 + 3y - 9y + 6 - 9y$

7) $9y + 3 - 2y + 6 + 9y + 7$

8) $10y - 9y + 2 + 11$

9) $5y - 1 - 6y + 6$

10) $7 + y - 4y + 5 - 5y$

11) $3y - 9 - 5y + 7$

12) $-7y + 11 - 9y$

13) $5 + 8y - 6y$

14) $10 + 5y + 4 + 8y$

15) $11 + 6y - 9 + 11y - 12 + 2y$

16) $-9y - 10 + 6 - 8y$

17) $10y + y$

18) $5y - 12y + 11y - 10 + 5$

19) $12 + 3 + 6y - 6y + 6 - 9y$

20) $-5 + 7y + 2 - 12y$

21) $10y - 5 - 11y + 10$

22) $y - 5y$

Name:_____ Class:_____ Date:____/____/_____

Simplifying Expressions

Simplify the expressions.

1) $6 - 4(-8y + 4)$ _____

2) $1 + 4(-10y + 3)$ _____

3) $5 + 1(5y + 3)$ _____

4) $6 + 11(3y - 10)$ _____

5) $12 - 12(-7y + 5)$ _____

6) $1 + 3(9y - 11)$ _____

7) $11 + 4(9y + 2)$ _____

8) $6 - 8(10y - 10)$ _____

9) $10 - 7(6y - 12)$ _____

10) $10 - 3(-2y + 5)$ _____

11) $2 - 10(12y - 1)$ _____

12) $6 + 9(8y - 4)$ _____

13) $11 + 8(8y - 4)$ _____

14) $2 - 4(-11y + 9)$ _____

15) $11 + 2(-4y + 1)$ _____

16) $6 - 7(8y - 8)$ _____

17) $10 + 1(-3y + 10)$ _____

18) $2 - 4(4y - 8)$ _____

19) $10 + 1(y + 12)$ _____

20) $3 + 11(-12y + 11)$ _____

21) $6 - 4(-12y + 7)$ _____

22) $1 + 6(5y + 8)$ _____

23) $12 + 2(-8y + 6)$ _____

24) $10 - 5(-11y + 3)$ _____

25) $10 + 12(7y - 12)$ _____

26) $10 + 2(8y - 10)$ _____

27) $8 - 7(-12y + 2)$ _____

28) $7 - 1(6y - 9)$ _____

29) $8 + 11(12y + 8)$ _____

30) $9 + 5(11y + 2)$ _____

31) $11 + 1(-3y + 1)$ _____

32) $7 + 9(-5y + 9)$ _____

33) $12 + 11(10y + 12)$ _____

Name:_____ Class:_____ Date:____/____/_____

Basic Addition

Find the sum.

1) 4 + 3 = ____	2) 3 + 6 = ____	3) 5 + 2 = ____	4) 4 + 4 = ____	5) 7 + 2 = ____	6) 4 + 1 = ____	7) 5 + 4 = ____	8) 8 + 5 = ____	9) 8 + 2 = ____
10) 4 + 7 = ____	11) 6 + 3 = ____	12) 8 + 1 = ____	13) 6 + 5 = ____	14) 7 + 8 = ____	15) 9 + 8 = ____	16) 1 + 2 = ____	17) 2 + 8 = ____	18) 5 + 8 = ____
19) 6 + 8 = ____	20) 5 + 7 = ____	21) 3 + 7 = ____	22) 5 + 3 = ____	23) 2 + 3 = ____	24) 4 + 2 = ____	25) 1 + 8 = ____	26) 7 + 4 = ____	27) 6 + 9 = ____
28) 3 + 3 = ____	29) 1 + 6 = ____	30) 4 + 9 = ____	31) 2 + 2 = ____	32) 2 + 6 = ____	33) 4 + 6 = ____	34) 8 + 7 = ____	35) 4 + 8 = ____	36) 8 + 9 = ____
37) 8 + 6 = ____	38) 4 + 5 = ____	39) 6 + 6 = ____	40) 2 + 4 = ____	41) 6 + 4 = ____	42) 6 + 2 = ____	43) 7 + 5 = ____	44) 3 + 5 = ____	45) 8 + 4 = ____
46) 2 + 9 = ____	47) 3 + 8 = ____	48) 3 + 4 = ____	49) 7 + 7 = ____	50) 9 + 2 = ____	51) 7 + 1 = ____	52) 2 + 7 = ____	53) 7 + 6 = ____	54) 7 + 3 = ____
55) 2 + 5 = ____	56) 5 + 5 = ____	57) 9 + 3 = ____	58) 3 + 1 = ____	59) 7 + 9 = ____	60) 1 + 9 = ____	61) 2 + 1 = ____	62) 6 + 7 = ____	63) 9 + 1 = ____
64) 1 + 3 = ____	65) 1 + 4 = ____	66) 8 + 8 = ____	67) 5 + 6 = ____	68) 9 + 6 = ____	69) 9 + 5 = ____	70) 9 + 9 = ____	71) 5 + 9 = ____	72) 8 + 3 = ____
73) 1 + 5 = ____	74) 6 + 1 = ____	75) 9 + 7 = ____	76) 5 + 1 = ____	77) 9 + 4 = ____	78) 1 + 1 = ____	79) 1 + 7 = ____	80) 3 + 2 = ____	81) 3 + 9 = ____

Name:_____ Class:_____ Date:____/____/_____

Basic Addition

Find the sum.

1) 15 + 32 =	2) 10 + 68 =	3) 94 + 58 =	4) 67 + 34 =	5) 57 + 42 =	6) 37 + 43 =	7) 59 + 48 =	8) 62 + 52 =
9) 23 + 77 =	10) 46 + 56 =	11) 42 + 31 =	12) 31 + 22 =	13) 46 + 43 =	14) 98 + 22 =	15) 60 + 77 =	16) 15 + 16 =
17) 18 + 41 =	18) 20 + 86 =	19) 14 + 45 =	20) 60 + 41 =	21) 56 + 44 =	22) 75 + 58 =	23) 97 + 18 =	24) 99 + 97 =
25) 95 + 69 =	26) 84 + 47 =	27) 12 + 84 =	28) 10 + 87 =	29) 32 + 62 =	30) 59 + 55 =	31) 73 + 79 =	32) 37 + 31 =
33) 35 + 28 =	34) 38 + 75 =	35) 48 + 76 =	36) 27 + 14 =	37) 11 + 96 =	38) 55 + 73 =	39) 24 + 38 =	40) 82 + 30 =
41) 23 + 62 =	42) 81 + 44 =	43) 32 + 70 =	44) 40 + 35 =	45) 85 + 26 =	46) 23 + 97 =	47) 81 + 11 =	48) 71 + 95 =
49) 30 + 76 =	50) 82 + 42 =	51) 49 + 34 =	52) 59 + 29 =	53) 52 + 79 =	54) 47 + 14 =	55) 39 + 37 =	56) 73 + 93 =
57) 79 + 39 =	58) 42 + 20 =	59) 97 + 92 =	60) 99 + 64 =	61) 88 + 13 =	62) 89 + 32 =	63) 64 + 29 =	64) 33 + 99 =
65) 36 + 59 =	66) 52 + 47 =	67) 55 + 50 =	68) 80 + 88 =	69) 13 + 62 =	70) 91 + 51 =	71) 33 + 35 =	72) 96 + 59 =

Name:_____ Class:_____ Date:____/____/_____

Basic Addition - Doubles

Find the sum.

1) 31 + 31 =	2) 66 + 66 =	3) 85 + 85 =	4) 51 + 51 =	5) 75 + 75 =	6) 81 + 81 =	7) 57 + 57 =	8) 50 + 50 =
9) 46 + 46 =	10) 21 + 21 =	11) 27 + 27 =	12) 19 + 19 =	13) 64 + 64 =	14) 58 + 58 =	15) 49 + 49 =	16) 17 + 17 =
17) 5 + 5 =	18) 28 + 28 =	19) 16 + 16 =	20) 80 + 80 =	21) 90 + 90 =	22) 6 + 6 =	23) 82 + 82 =	24) 45 + 45 =
25) 32 + 32 =	26) 23 + 23 =	27) 43 + 43 =	28) 3 + 3 =	29) 34 + 34 =	30) 94 + 94 =	31) 33 + 33 =	32) 95 + 95 =
33) 48 + 48 =	34) 41 + 41 =	35) 93 + 93 =	36) 55 + 55 =	37) 4 + 4 =	38) 12 + 12 =	39) 61 + 61 =	40) 83 + 83 =
41) 59 + 59 =	42) 60 + 60 =	43) 14 + 14 =	44) 11 + 11 =	45) 36 + 36 =	46) 92 + 92 =	47) 76 + 76 =	48) 65 + 65 =
49) 68 + 68 =	50) 73 + 73 =	51) 67 + 67 =	52) 26 + 26 =	53) 69 + 69 =	54) 99 + 99 =	55) 97 + 97 =	56) 56 + 56 =
57) 10 + 10 =	58) 53 + 53 =	59) 86 + 86 =	60) 9 + 9 =	61) 15 + 15 =	62) 25 + 25 =	63) 39 + 39 =	64) 71 + 71 =
65) 1 + 1 =	66) 84 + 84 =	67) 7 + 7 =	68) 42 + 42 =	69) 24 + 24 =	70) 20 + 20 =	71) 22 + 22 =	72) 77 + 77 =

Name:_____ Class:_____ Date:____/____/_____

Basic Addition - Doubles

Find the sum.

1) 59 + 58 = ____	2) 46 + 45 = ____	3) 92 + 91 = ____	4) 22 + 21 = ____	5) 95 + 94 = ____	6) 13 + 12 = ____	7) 11 + 10 = ____
8) 84 + 83 = ____	9) 91 + 90 = ____	10) 7 + 6 = ____	11) 29 + 28 = ____	12) 81 + 80 = ____	13) 97 + 96 = ____	14) 6 + 5 = ____
15) 17 + 16 = ____	16) 56 + 55 = ____	17) 82 + 81 = ____	18) 18 + 17 = ____	19) 37 + 36 = ____	20) 69 + 68 = ____	21) 49 + 48 = ____
22) 3 + 2 = ____	23) 64 + 63 = ____	24) 75 + 74 = ____	25) 55 + 54 = ____	26) 31 + 30 = ____	27) 24 + 23 = ____	28) 23 + 22 = ____
29) 78 + 77 = ____	30) 35 + 34 = ____	31) 85 + 84 = ____	32) 79 + 78 = ____	33) 76 + 75 = ____	34) 61 + 60 = ____	35) 2 + 1 = ____
36) 25 + 24 = ____	37) 4 + 3 = ____	38) 43 + 42 = ____	39) 36 + 35 = ____	40) 32 + 31 = ____	41) 86 + 85 = ____	42) 94 + 93 = ____
43) 99 + 98 = ____	44) 26 + 25 = ____	45) 20 + 19 = ____	46) 98 + 97 = ____	47) 21 + 20 = ____	48) 88 + 87 = ____	49) 39 + 38 = ____
50) 42 + 41 = ____	51) 60 + 59 = ____	52) 74 + 73 = ____	53) 45 + 44 = ____	54) 27 + 26 = ____	55) 52 + 51 = ____	56) 96 + 95 = ____
57) 38 + 37 = ____	58) 100 + 99 = ____	59) 50 + 49 = ____	60) 12 + 11 = ____	61) 30 + 29 = ____	62) 70 + 69 = ____	63) 67 + 66 = ____

Name:_____ Class:_____ Date:____/____/_____

Basic Addition and Regrouping

Find the sum.

1) 117 + 371 =	2) 314 + 214 =	3) 503 + 202 =	4) 804 + 140 =	5) 820 + 150 =	6) 135 + 403 =	7) 714 + 154 =
8) 249 + 440 =	9) 482 + 100 =	10) 212 + 252 =	11) 164 + 524 =	12) 360 + 508 =	13) 212 + 146 =	14) 446 + 232 =
15) 723 + 236 =	16) 859 + 100 =	17) 224 + 143 =	18) 319 + 120 =	19) 705 + 291 =	20) 460 + 317 =	21) 414 + 454 =
22) 834 + 134 =	23) 851 + 102 =	24) 334 + 411 =	25) 418 + 260 =	26) 507 + 161 =	27) 610 + 206 =	28) 820 + 151 =
29) 638 + 230 =	30) 215 + 651 =	31) 320 + 668 =	32) 419 + 420 =	33) 127 + 610 =	34) 326 + 471 =	35) 335 + 310 =
36) 543 + 202 =	37) 373 + 613 =	38) 487 + 100 =	39) 434 + 303 =	40) 651 + 211 =	41) 357 + 631 =	42) 417 + 462 =
43) 425 + 431 =	44) 146 + 421 =	45) 222 + 467 =	46) 751 + 142 =	47) 106 + 300 =	48) 290 + 103 =	49) 464 + 511 =
50) 479 + 210 =	51) 778 + 110 =	52) 424 + 100 =	53) 619 + 100 =	54) 236 + 722 =	55) 409 + 340 =	56) 265 + 203 =
57) 511 + 374 =	58) 304 + 460 =	59) 481 + 303 =	60) 885 + 101 =	61) 352 + 402 =	62) 464 + 324 =	63) 366 + 601 =

Name:_____ Class:_____ Date:____/____/_____

Basic Division

Find the quotient.

1) $2\overline{)10}$ 2) $3\overline{)42}$ 3) $4\overline{)76}$ 4) $9\overline{)135}$ 5) $9\overline{)171}$ 6) $7\overline{)140}$ 7) $3\overline{)39}$

8) $8\overline{)152}$ 9) $8\overline{)112}$ 10) $2\overline{)36}$ 11) $9\overline{)72}$ 12) $6\overline{)24}$ 13) $8\overline{)8}$ 14) $2\overline{)28}$

15) $8\overline{)88}$ 16) $6\overline{)6}$ 17) $6\overline{)48}$ 18) $5\overline{)5}$ 19) $2\overline{)18}$ 20) $3\overline{)15}$ 21) $5\overline{)50}$

22) $7\overline{)14}$ 23) $7\overline{)70}$ 24) $8\overline{)136}$ 25) $3\overline{)12}$ 26) $4\overline{)16}$ 27) $3\overline{)33}$ 28) $9\overline{)153}$

29) $6\overline{)90}$ 30) $10\overline{)170}$ 31) $9\overline{)162}$ 32) $4\overline{)52}$ 33) $6\overline{)54}$ 34) $5\overline{)70}$ 35) $7\overline{)91}$

36) $8\overline{)144}$ 37) $5\overline{)45}$ 38) $8\overline{)72}$ 39) $6\overline{)42}$ 40) $4\overline{)20}$ 41) $7\overline{)77}$ 42) $4\overline{)36}$

43) $9\overline{)9}$ 44) $6\overline{)60}$ 45) $3\overline{)3}$ 46) $10\overline{)190}$ 47) $2\overline{)16}$ 48) $6\overline{)78}$ 49) $6\overline{)36}$

50) $3\overline{)27}$ 51) $3\overline{)9}$ 52) $4\overline{)56}$ 53) $7\overline{)98}$ 54) $4\overline{)60}$ 55) $9\overline{)81}$ 56) $3\overline{)24}$

57) $7\overline{)126}$ 58) $5\overline{)60}$ 59) $4\overline{)72}$ 60) $8\overline{)40}$ 61) $2\overline{)24}$ 62) $10\overline{)130}$ 63) $9\overline{)27}$

Name:_____ Class:_____ Date:____/____/_____

Basic Multiplication

Find the product.

1) 10 × 2 = ____	2) 3 × 5 = ____	3) 2 × 10 = ____	4) 7 × 4 = ____	5) 3 × 9 = ____	6) 9 × 5 = ____	7) 1 × 3 = ____	8) 2 × 5 = ____
9) 9 × 2 = ____	10) 9 × 11 = ____	11) 4 × 4 = ____	12) 5 × 9 = ____	13) 8 × 6 = ____	14) 11 × 9 = ____	15) 7 × 10 = ____	16) 9 × 8 = ____
17) 2 × 2 = ____	18) 8 × 9 = ____	19) 8 × 4 = ____	20) 5 × 6 = ____	21) 11 × 2 = ____	22) 11 × 10 = ____	23) 6 × 5 = ____	24) 5 × 7 = ____
25) 10 × 5 = ____	26) 11 × 11 = ____	27) 2 × 1 = ____	28) 9 × 12 = ____	29) 7 × 6 = ____	30) 10 × 10 = ____	31) 4 × 3 = ____	32) 4 × 12 = ____
33) 4 × 7 = ____	34) 1 × 12 = ____	35) 9 × 7 = ____	36) 12 × 10 = ____	37) 8 × 2 = ____	38) 4 × 11 = ____	39) 3 × 8 = ____	40) 7 × 11 = ____
41) 10 × 11 = ____	42) 7 × 7 = ____	43) 8 × 3 = ____	44) 9 × 9 = ____	45) 2 × 7 = ____	46) 10 × 7 = ____	47) 12 × 7 = ____	48) 2 × 9 = ____
49) 4 × 1 = ____	50) 3 × 11 = ____	51) 6 × 9 = ____	52) 10 × 8 = ____	53) 4 × 9 = ____	54) 2 × 6 = ____	55) 7 × 3 = ____	56) 3 × 6 = ____
57) 2 × 11 = ____	58) 11 × 7 = ____	59) 3 × 2 = ____	60) 6 × 8 = ____	61) 10 × 6 = ____	62) 11 × 4 = ____	63) 5 × 5 = ____	64) 8 × 10 = ____
65) 8 × 8 = ____	66) 6 × 3 = ____	67) 11 × 8 = ____	68) 9 × 4 = ____	69) 1 × 2 = ____	70) 3 × 10 = ____	71) 5 × 2 = ____	72) 9 × 10 = ____

Name:_____ Class:_____ Date:____/____/_____

Basic Subtraction

Find the difference.

1) 3 − 2 = ___	2) 17 − 15 = ___	3) 14 − 1 = ___	4) 2 − 2 = ___	5) 20 − 2 = ___	6) 8 − 7 = ___	7) 6 − 1 = ___	8) 16 − 8 = ___
9) 19 − 19 = ___	10) 9 − 8 = ___	11) 10 − 9 = ___	12) 8 − 5 = ___	13) 10 − 5 = ___	14) 11 − 7 = ___	15) 13 − 6 = ___	16) 4 − 3 = ___
17) 5 − 3 = ___	18) 13 − 13 = ___	19) 14 − 9 = ___	20) 19 − 11 = ___	21) 19 − 9 = ___	22) 10 − 8 = ___	23) 1 − 1 = ___	24) 17 − 17 = ___
25) 9 − 7 = ___	26) 14 − 7 = ___	27) 11 − 9 = ___	28) 9 − 9 = ___	29) 5 − 4 = ___	30) 10 − 7 = ___	31) 17 − 6 = ___	32) 17 − 1 = ___
33) 7 − 6 = ___	34) 18 − 16 = ___	35) 16 − 1 = ___	36) 13 − 1 = ___	37) 18 − 14 = ___	38) 17 − 10 = ___	39) 12 − 3 = ___	40) 16 − 4 = ___
41) 13 − 2 = ___	42) 2 − 1 = ___	43) 4 − 1 = ___	44) 4 − 2 = ___	45) 19 − 16 = ___	46) 19 − 1 = ___	47) 16 − 2 = ___	48) 19 − 13 = ___
49) 14 − 11 = ___	50) 12 − 10 = ___	51) 10 − 4 = ___	52) 12 − 9 = ___	53) 9 − 3 = ___	54) 15 − 10 = ___	55) 18 − 7 = ___	56) 17 − 4 = ___
57) 15 − 8 = ___	58) 12 − 2 = ___	59) 8 − 3 = ___	60) 13 − 5 = ___	61) 19 − 10 = ___	62) 13 − 8 = ___	63) 7 − 3 = ___	64) 16 − 5 = ___
65) 6 − 4 = ___	66) 20 − 8 = ___	67) 18 − 11 = ___	68) 6 − 5 = ___	69) 8 − 2 = ___	70) 17 − 9 = ___	71) 15 − 7 = ___	72) 14 − 5 = ___

Name:_____ Class:_____ Date:____/____/_____

Basic Subtraction and Regrouping

Find the difference.

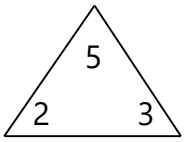
1) 570 − 392 =	2) 940 − 885 =	3) 580 − 491 =	4) 370 − 181 =	5) 580 − 393 =	6) 440 − 172 =	7) 920 − 548 =
8) 560 − 497 =	9) 680 − 296 =	10) 600 − 213 =	11) 610 − 559 =	12) 250 − 162 =	13) 680 − 595 =	14) 310 − 289 =
15) 230 − 142 =	16) 210 − 174 =	17) 410 − 387 =	18) 450 − 161 =	19) 250 − 165 =	20) 510 − 363 =	21) 520 − 359 =
22) 480 − 399 =	23) 770 − 289 =	24) 630 − 351 =	25) 980 − 896 =	26) 740 − 695 =	27) 680 − 591 =	28) 470 − 394 =
29) 480 − 396 =	30) 310 − 253 =	31) 470 − 298 =	32) 330 − 147 =	33) 500 − 472 =	34) 840 − 756 =	35) 230 − 169 =
36) 910 − 222 =	37) 740 − 688 =	38) 770 − 194 =	39) 510 − 243 =	40) 530 − 256 =	41) 300 − 261 =	42) 920 − 151 =
43) 650 − 199 =	44) 800 − 527 =	45) 550 − 472 =	46) 760 − 396 =	47) 340 − 277 =	48) 300 − 114 =	49) 310 − 149 =
50) 330 − 288 =	51) 600 − 461 =	52) 350 − 289 =	53) 260 − 174 =	54) 220 − 194 =	55) 200 − 197 =	56) 250 − 192 =
57) 380 − 297 =	58) 540 − 376 =	59) 530 − 186 =	60) 620 − 248 =	61) 230 − 178 =	62) 530 − 269 =	63) 530 − 355 =

Name:_____ Class:_____ Date:____/____/_____

Fact Families

Complete each family of facts.

1)



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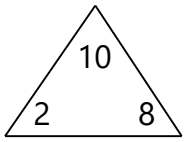

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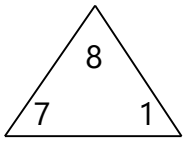
3)



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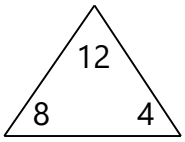

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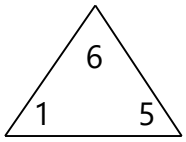

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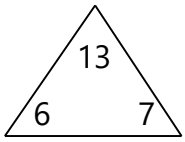
6)



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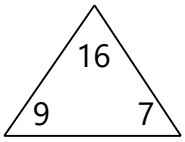
7)



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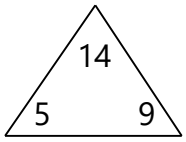
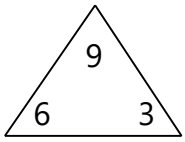
☐ - ☐ = ☐

8)



☐ + ☐ = ☐
☐ + ☐ = ☐
☐ - ☐ = ☐
☐ - ☐ = ☐

9)



☐ + ☐ = ☐
☐ + ☐ = ☐
☐ - ☐ = ☐
☐ - ☐ = ☐

Name:_____ Class:_____ Date:____/____/_____

Input Output Addition

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
8	17
3	12
6	
7	

_____

2)

Input	Output
5	7
1	3
8	
7	

_____

3)

Input	Output
5	10
3	8
9	
4	

_____

4)

Input	Output
5	12
6	13
9	
2	

_____

5)

Input	Output
1	5
4	8
9	
8	

_____

6)

Input	Output
1	3
6	8
5	
9	

_____

7)

Input	Output
2	4
10	12
7	
4	

_____

8)

Input	Output
2	3
4	5
7	
9	

_____

9)

Input	Output
10	11
2	3
6	
4	

_____

10)

Input	Output
1	8
10	17
4	
5	

_____

11)

Input	Output
8	18
5	15
9	
2	

_____

12)

Input	Output
8	16
4	12
7	
5	

_____

Name:_____ Class:_____ Date:____/____/_____

Input Output Subtraction

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
10	3
8	1
7	
9	

_____

2)

Input	Output
8	1
7	0
9	
10	

_____

3)

Input	Output
6	5
4	3
9	
1	

_____

4)

Input	Output
10	5
5	0
8	
7	

_____

5)

Input	Output
9	5
4	0
7	
8	

_____

6)

Input	Output
8	2
10	4
9	
7	

_____

7)

Input	Output
5	2
8	5
4	
7	

_____

8)

Input	Output
7	2
6	1
5	
8	

_____

9)

Input	Output
7	3
9	5
4	
5	

_____

10)

Input	Output
3	0
5	2
9	
10	

_____

11)

Input	Output
5	0
8	3
9	
10	

_____

12)

Input	Output
6	4
9	7
4	
10	

_____

Name:_____ Class:_____ Date:____/____/_____

Input Output Multiplication

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
8	72
4	36
6	
7	

_____

2)

Input	Output
10	100
5	50
7	
4	

_____

3)

Input	Output
10	40
4	16
1	
9	

_____

4)

Input	Output
3	30
8	80
9	
5	

_____

5)

Input	Output
7	56
10	80
2	
6	

_____

6)

Input	Output
10	90
3	27
4	
8	

_____

7)

Input	Output
4	20
3	15
9	
10	

_____

8)

Input	Output
1	4
6	24
3	
7	

_____

9)

Input	Output
5	10
4	8
10	
9	

_____

10)

Input	Output
6	42
3	21
4	
8	

_____

11)

Input	Output
2	2
3	3
8	
7	

_____

12)

Input	Output
5	15
4	12
9	
2	

_____

Name:_____ Class:_____ Date:____/____/_____

Input Output Division

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
6	6
10	10
5	
3	

_____

2)

Input	Output
18	2
27	3
81	
63	

_____

3)

Input	Output
16	4
12	3
40	
24	

_____

4)

Input	Output
42	6
7	1
56	
63	

_____

5)

Input	Output
80	10
48	6
56	
64	

_____

6)

Input	Output
12	3
24	6
4	
40	

_____

7)

Input	Output
3	3
4	4
10	
7	

_____

8)

Input	Output
10	10
8	8
1	
4	

_____

9)

Input	Output
20	5
16	4
32	
4	

_____

10)

Input	Output
90	10
36	4
72	
9	

_____

11)

Input	Output
48	8
18	3
54	
12	

_____

12)

Input	Output
20	10
18	9
14	
4	

_____

Name:_____ Class:_____ Date:____/____/_____

Input Output + - x /

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
2	3
6	7
5	
8	

_____

2)

Input	Output
42	7
36	6
24	
60	

_____

3)

Input	Output
63	9
70	10
21	
7	

_____

4)

Input	Output
10	19
4	13
8	
6	

_____

5)

Input	Output
10	9
3	2
5	
4	

_____

6)

Input	Output
4	32
6	48
9	
5	

_____

7)

Input	Output
4	1
5	2
10	
3	

_____

8)

Input	Output
9	81
8	72
5	
7	

_____

9)

Input	Output
2	1
20	10
4	
14	

_____

10)

Input	Output
6	16
5	15
3	
2	

_____

11)

Input	Output
10	5
6	1
5	
7	

_____

12)

Input	Output
24	6
20	5
8	
28	

_____

Name:_____ Class:_____ Date:____/____/_____

Make Sum

What number should be added to the first number to make the second number?

1) 2 + ___ = 9	2) 9 + ___ = 10	3) 11 + ___ = 11	4) 3 + ___ = 4	5) 8 + ___ = 19	6) 2 + ___ = 2	7) 12 + ___ = 16	8) 7 + ___ = 13
9) 1 + ___ = 5	10) 4 + ___ = 12	11) 4 + ___ = 13	12) 6 + ___ = 18	13) 10 + ___ = 11	14) 1 + ___ = 15	15) 2 + ___ = 5	16) 17 + ___ = 19
17) 2 + ___ = 3	18) 4 + ___ = 5	19) 3 + ___ = 8	20) 3 + ___ = 15	21) 7 + ___ = 12	22) 3 + ___ = 18	23) 3 + ___ = 7	24) 5 + ___ = 18
25) 6 + ___ = 6	26) 8 + ___ = 11	27) 9 + ___ = 16	28) 8 + ___ = 16	29) 6 + ___ = 16	30) 5 + ___ = 13	31) 1 + ___ = 2	32) 4 + ___ = 11
33) 5 + ___ = 6	34) 6 + ___ = 14	35) 18 + ___ = 18	36) 13 + ___ = 14	37) 16 + ___ = 17	38) 1 + ___ = 20	39) 4 + ___ = 8	40) 1 + ___ = 11
41) 8 + ___ = 12	42) 3 + ___ = 9	43) 2 + ___ = 7	44) 9 + ___ = 14	45) 4 + ___ = 4	46) 3 + ___ = 5	47) 1 + ___ = 14	48) 11 + ___ = 14
49) 5 + ___ = 20	50) 8 + ___ = 10	51) 14 + ___ = 17	52) 15 + ___ = 16	53) 10 + ___ = 12	54) 2 + ___ = 17	55) 13 + ___ = 15	56) 7 + ___ = 10
57) 3 + ___ = 17	58) 3 + ___ = 13	59) 13 + ___ = 17	60) 4 + ___ = 14	61) 5 + ___ = 7	62) 10 + ___ = 16	63) 4 + ___ = 9	64) 3 + ___ = 6
65) 15 + ___ = 17	66) 1 + ___ = 3	67) 15 + ___ = 18	68) 2 + ___ = 20	69) 5 + ___ = 12	70) 7 + ___ = 20	71) 9 + ___ = 17	72) 10 + ___ = 10

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Addition

Match the answer with the question.

1)

a. 2 + 1 = _____ •	• E = 8
b. 3 + 12 = _____ •	• Q = 35
c. 9 + 1 = _____ •	• V = 3
d. 8 + 20 = _____ •	• C = 15
e. 18 + 17 = _____ •	• J = 20
f. 13 + 5 = _____ •	• L = 32
g. 17 + 15 = _____ •	• S = 26
h. 13 + 1 = _____ •	• M = 27
i. 11 + 20 = _____ •	• R = 17
j. 5 + 14 = _____ •	• F = 14
k. 12 + 7 = _____ •	• Y = 10
l. 1 + 7 = _____ •	• W = 32
m. 14 + 19 = _____ •	• X = 20
n. 20 + 19 = _____ •	• A = 33
o. 18 + 14 = _____ •	• G = 10
p. 17 + 10 = _____ •	• T = 19
q. 15 + 5 = _____ •	• O = 18
r. 10 + 16 = _____ •	• K = 29
s. 1 + 9 = _____ •	• U = 28
t. 8 + 12 = _____ •	• I = 10
u. 5 + 5 = _____ •	• B = 19
v. 1 + 16 = _____ •	• H = 31
w. 11 + 18 = _____ •	• P = 35
x. 15 + 20 = _____ •	• N = 19
y. 2 + 17 = _____ •	• D = 39

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Subtraction

Match the answer with the question.

1)

a. 10 − 8 = _____ •	• A = 0
b. 20 − 7 = _____ •	• W = 2
c. 10 − 6 = _____ •	• L = 9
d. 20 − 14 = _____ •	• H = 1
e. 7 − 5 = _____ •	• K = 14
f. 9 − 7 = _____ •	• I = 2
g. 12 − 2 = _____ •	• C = 2
h. 8 − 1 = _____ •	• N = 1
i. 20 − 6 = _____ •	• M = 1
j. 13 − 3 = _____ •	• F = 2
k. 17 − 3 = _____ •	• B = 10
l. 9 − 1 = _____ •	• Y = 10
m. 6 − 4 = _____ •	• R = 0
n. 13 − 13 = _____ •	• V = 8
o. 13 − 4 = _____ •	• U = 1
p. 2 − 2 = _____ •	• T = 0
q. 9 − 8 = _____ •	• G = 4
r. 14 − 14 = _____ •	• P = 3
s. 14 − 13 = _____ •	• J = 6
t. 3 − 1 = _____ •	• O = 6
u. 13 − 12 = _____ •	• D = 14
v. 11 − 8 = _____ •	• S = 13
w. 7 − 6 = _____ •	• Q = 7
x. 7 − 2 = _____ •	• X = 5
y. 12 − 6 = _____ •	• E = 2

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Multiplication

Match the answer with the question.

1)

a. 13 × 1 = _____ •	• R = 180
b. 20 × 15 = _____ •	• G = 300
c. 8 × 16 = _____ •	• A = 1
d. 14 × 10 = _____ •	• C = 32
e. 11 × 1 = _____ •	• M = 11
f. 20 × 9 = _____ •	• U = 108
g. 19 × 16 = _____ •	• J = 140
h. 13 × 16 = _____ •	• D = 270
i. 16 × 2 = _____ •	• Y = 32
j. 20 × 7 = _____ •	• N = 144
k. 14 × 1 = _____ •	• K = 171
l. 3 × 1 = _____ •	• T = 91
m. 9 × 19 = _____ •	• H = 13
n. 7 × 13 = _____ •	• V = 140
o. 15 × 18 = _____ •	• F = 160
p. 4 × 20 = _____ •	• X = 208
q. 5 × 6 = _____ •	• L = 45
r. 8 × 4 = _____ •	• I = 72
s. 8 × 20 = _____ •	• Q = 128
t. 14 × 5 = _____ •	• E = 3
u. 12 × 9 = _____ •	• W = 30
v. 1 × 1 = _____ •	• P = 304
w. 5 × 9 = _____ •	• O = 14
x. 6 × 12 = _____ •	• B = 80
y. 12 × 12 = _____ •	• S = 70

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Division

Match the answer with the question.

1)

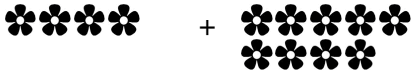
a. 84 ÷ 14 = _____ •	• A = 12
b. 27 ÷ 3 = _____ •	• G = 10
c. 30 ÷ 3 = _____ •	• F = 12
d. 132 ÷ 12 = _____ •	• U = 16
e. 234 ÷ 18 = _____ •	• V = 6
f. 208 ÷ 16 = _____ •	• D = 13
g. 8 ÷ 8 = _____ •	• S = 4
h. 126 ÷ 9 = _____ •	• I = 16
i. 28 ÷ 2 = _____ •	• H = 13
j. 32 ÷ 2 = _____ •	• L = 14
k. 4 ÷ 4 = _____ •	• Q = 8
l. 12 ÷ 3 = _____ •	• K = 11
m. 88 ÷ 11 = _____ •	• R = 8
n. 221 ÷ 17 = _____ •	• B = 13
o. 20 ÷ 5 = _____ •	• T = 3
p. 132 ÷ 11 = _____ •	• J = 1
q. 96 ÷ 8 = _____ •	• Y = 13
r. 180 ÷ 9 = _____ •	• W = 1
s. 108 ÷ 12 = _____ •	• C = 9
t. 120 ÷ 15 = _____ •	• P = 20
u. 240 ÷ 15 = _____ •	• M = 9
v. 33 ÷ 11 = _____ •	• N = 8
w. 72 ÷ 9 = _____ •	• X = 14
x. 65 ÷ 5 = _____ •	• E = 7
y. 77 ÷ 11 = _____ •	• O = 4

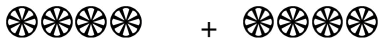
Name:_____ Class:_____ Date:____/____/_____

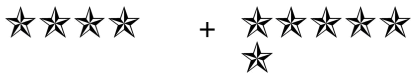
Pictorial Addition

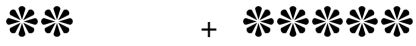
Add.

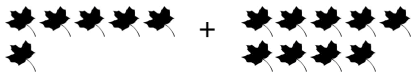
1) = ☐

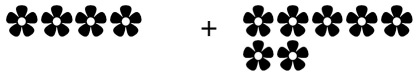
2)  = ☐

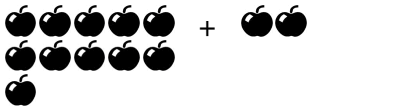
3)  = ☐

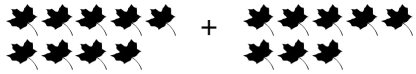
4)  = ☐

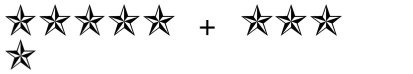
5)  = ☐

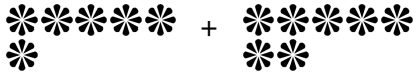
6)  = ☐

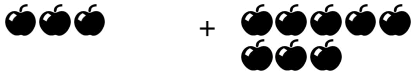
7)  = ☐

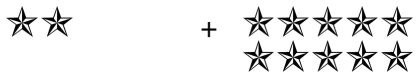
8)  = ☐

9)  = ☐

10)  = ☐

11)  = ☐

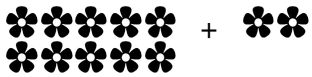
12)  = ☐

13)  = ☐

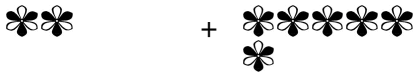
14) = ☐

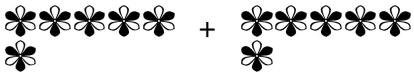
15) = ☐

16) = ☐

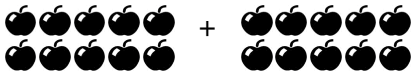
17)  = ☐

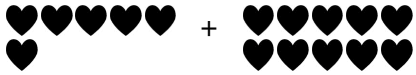
18) = ☐

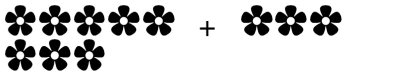
19)  = ☐

20)  = ☐

21) = ☐

22)  = ☐

23)  = ☐

24)  = ☐

Name:_____ Class:_____ Date:____/____/_____

Quick Facts

Calculate.

1) 8 + 8 = ____
2) 4 − 4 = ____
3) 9 − 7 = ____
4) 5 − 1 = ____
5) 11 − 7 = ____
6) 2 × 3 = ____
7) 9) 180
8) 5) 75
9) 3 − 1 = ____
10) 17 × 5 = ____
11) 20 − 4 = ____
12) 7 − 1 = ____
13) 11 + 1 = ____
14) 17 + 9 = ____
15) 7) 70
16) 5) 40
17) 14 − 9 = ____
18) 12 × 7 = ____
19) 7) 98
20) 8 × 8 = ____
21) 2) 20
22) 3 × 7 = ____
23) 14 × 7 = ____
24) 13 − 5 = ____
25) 7 + 1 = ____
26) 15 × 4 = ____
27) 13 × 9 = ____
28) 17 × 1 = ____
29) 5 − 3 = ____
30) 9 + 2 = ____
31) 7) 91
32) 15 × 7 = ____
33) 9) 27
34) 20 × 9 = ____
35) 13 − 3 = ____
36) 10 + 9 = ____
37) 6 + 8 = ____
38) 8 + 3 = ____
39) 7) 126
40) 4) 12
41) 20 × 3 = ____
42) 18 − 5 = ____
43) 11 − 5 = ____
44) 12 − 2 = ____
45) 14 × 4 = ____
46) 4) 64
47) 12 − 8 = ____
48) 3) 42
49) 10 + 2 = ____
50) 5) 60
51) 17 + 7 = ____
52) 5 × 2 = ____
53) 3 × 9 = ____
54) 2 × 4 = ____

Word Problems - Addition

Solve.

1) Twenty plums are in the basket. Fourteen more plums are put in the basket. How many plums are in the basket now?

_____

2) Twenty oranges were in the basket. Three are red and the rest are green. How many oranges are green?

_____

3) Jackie has eight more peaches than Michele. Michele has seven peaches. How many peaches does Jackie have?

_____

4) Seven mangoes were in the basket. More mangoes were added to the basket. Now there are ten mangoes. How many mangoes were added to the basket?

_____

5) Billy has two pears and Steven has nineteen pears. How many pears do Billy and Steven have together?

_____

6) Nineteen red apples and seventeen green apples are in the basket. How many apples are in the basket?

_____

7) Some bananas were in the basket. Nineteen more bananas were added to the basket. Now there are 34 bananas. How many bananas were in the basket before more bananas were added?

_____

8) Six peaches were in the basket. More peaches were added to the basket. Now there are 21 peaches. How many peaches were added to the basket?

_____

Word Problems - Division

Solve.

1) Donald ordered ten pizzas. The bill for the pizzas came to $100. What was the cost of each pizza?

_____

2) Jake is reading a book with 44 pages. If Jake wants to read the same number of pages every day, how many pages would Jake have to read each day to finish in eleven days?

_____

3) A box of apples weighs 54 pounds. If one apple weighs six pounds, how many apples are there in the box?

_____

4) How many five cm pieces of rope can you cut from a rope that is fifteen cm long?

_____

5) Jackie made 32 cookies for a bake sale. She put the cookies in bags, with four cookies in each bag. How many bags did she have for the bake sale?

_____

6) You have 48 pears and want to share them equally with twelve people. How many pears would each person get?

_____

7) Sandra ordered seven pizzas. The bill for the pizzas came to $fourteen. What was the cost of each pizza?

_____

8) Sharon made 77 cookies for a bake sale. She put the cookies in bags, with eleven cookies in each bag. How many bags did she have for the bake sale?

_____

Word Problems - Multiplication

Solve.

1) If there are two peaches in each box and there are twelve boxes, how many peaches are there in total?

_____

2) Audrey swims five laps every day. How many laps will Audrey swim in six days?

_____

3) Jake has four times more mangoes than Sandra. Sandra has four mangoes. How many mangoes does Jake have?

_____

4) Marin's garden has seven rows of pumpkins. Each row has nine pumpkins. How many pumpkins does Marin have in all?

_____

5) Jake can cycle nine miles per hour. How far can Jake cycle in three hours?

_____

6) If there are six pears in each box and there are twelve boxes, how many pears are there in total?

_____

7) David can cycle five miles per hour. How far can David cycle in three hours?

_____

8) Donald swims seven laps every day. How many laps will Donald swim in eight days?

_____

9) Sandra's garden has twelve rows of pumpkins. Each row has ten pumpkins. How many pumpkins does Sandra have in all?

_____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Subtraction

Solve.

1) Three mangoes are in the basket. Two are red and the rest are green. How many mangoes are green?

_____

2) Some peaches were in the basket. Six peaches were taken from the basket. Now there are three peaches. How many peaches were in the basket before some of the peaches were taken?

_____

3) Amy has zero fewer bananas than Michele. Michele has two bananas. How many bananas does Amy have?

_____

4) Seventeen plums were in the basket. Some of the plums were removed from the basket. Now there are twelve plums. How many plums were removed from the basket?

_____

5) Steven has four apples. Paul has four apples. How many more apples does Paul have than Steven?

_____

6) Five oranges are in the basket. Two oranges are taken out of the basket. How many oranges are in the basket now?

_____

7) Thirteen pears were in the basket. Some of the pears were removed from the basket. Now there are eight pears. How many pears were removed from the basket?

_____

8) Donald has three oranges. Allan has three oranges. How many more oranges does Allan have than Donald?

_____

Name:_____ Class:_____ Date:____/____/_____

Compound Interest

Use compound interest to solve the following.

1) You put $794 into a savings account with an interest rate of 10% compounded annually which earns $262.81 over a period of time. How long was the period of time?

_____

2) You invested $646 and after six years the total amount of the investment was $916.36. What was the interest rate if it was compounded annually?

_____

3) If you received $56.29 on $211 invested at a rate of 3% compounded annually, for how long did you invest the principal?

_____

4) If an investment over four years at a rate of 4% compounded annually results in a final balance of $800.18, what was the original investment?

_____

5) If you put money into a savings account that earns $25.52 over two years at a rate of 3% compounded annually, how much money did you put into the account?

_____

6) If you put $499 into a savings account and after two years the balance is $560.68, what was the interest rate if it was compounded annually?

_____

7) If you take out a loan that costs $121.87 over two years at an interest rate of 6% compounded annually, how much was the loan for?

_____

8) If you put money into a savings account that earns $712.44 over eight years at a rate of 7% compounded annually, how much money did you put into the account?

_____

Name:_____ Class:_____ Date:____/____/_____

Counting Money 1

Add the coins.

1)

= _____

2)

= _____

3)

= _____

4)

= _____

5)

= _____

Name:_____ Class:_____ Date:____/____/_____

Counting Money 2

Add the coins.

1)

= _____

2)

= _____

3)

= _____

4)

= _____

5)

= _____

Name:_____ Class:_____ Date:____/____/_____

Money in Words

Express the currency values in words.

1) $83.63 _____

2) $4.01 _____

3) $43.35 _____

4) $16.00 _____

5) $41.64 _____

6) $90.12 _____

7) $34.04 _____

8) $7.97 _____

9) $20.70 _____

10) $14.84 _____

11) $11.55 _____

12) $57.33 _____

13) $2.23 _____

14) $25.57 _____

15) $90.84 _____

16) $53.79 _____

17) $6.88 _____

18) $62.32 _____

Name:_____ Class:_____ Date:____/____/_____

Shopping Problems 1

Solve.

hot dog = $1.35	cola = $1.35
order of French-fries = $1.50	ice cream cone = $1.60
hamburger = $2.00	milk shake = $2.15
deluxe cheeseburger = $3.30	taco = $2.90

1) _____ What is the total cost of a hamburger, an ice cream cone, and an order of French-fries?

2) _____ Jennifer wants to buy a hot dog, an ice cream cone, and an order of French-fries. How much money will she need?

3) _____ If Michele wanted to buy an ice cream cone and a milk shake, how much would she have to pay?

4) _____ What is the total cost of a hamburger, a milk shake, and an ice cream cone?

5) _____ If Audrey wanted to buy a milk shake and an order of French-fries, how much would it cost her?

6) _____ What is the total cost of a hamburger?

7) _____ Amy purchases a deluxe cheeseburger. If she had $10.00, how much money will she have left?

8) _____ What is the total cost of an order of French-fries, a deluxe cheeseburger, and a hamburger?

9) _____ Paul wants to buy a hot dog. How much will he have to pay?

10) _____ If Ellen buys a cola, an order of French-fries, and a hamburger, how much money will she get back if she pays $10.00?

11) _____ Jake purchases a hot dog, a taco, and a deluxe cheeseburger. How much money will he get back if he pays $15.00?

12) _____ Steven wants to buy a milk shake, a hot dog, and a cola. How much will it cost him?

Name:_____ Class:_____ Date:____/____/_____

Shopping Problems 2

Solve.

hot dog = $1.45	cola = $1.10
order of French-fries = $0.80	ice cream cone = $1.50
hamburger = $2.75	milk shake = $2.80
deluxe cheeseburger = $3.70	taco = $2.00

1) _____ What is the total cost of a hamburger, a taco, and an ice cream cone?

2) _____ If Billy wanted to buy a hamburger, a deluxe cheeseburger, and a milk shake, how much would it cost him?

3) _____ What is the total cost of a deluxe cheeseburger?

4) _____ Allan purchases a deluxe cheeseburger and a taco. How much money will he get back if he pays $10.00?

5) _____ If Audrey wanted to buy an order of French-fries and a hot dog, how much would it cost her?

6) _____ Jake wants to buy a hamburger and a deluxe cheeseburger. How much money will he need?

7) _____ What is the total cost of a taco?

8) _____ If Adam wanted to buy a hamburger and a milk shake, how much would he have to pay?

9) _____ Jackie purchases a hamburger. How much money will she get back if she pays $10.00?

10) _____ What is the total cost of a taco if there is a five percent sales tax?

11) _____ If Steven buys an order of French-fries, an ice cream cone, and a taco, what will his change be if he pays $10.00?

12) _____ If Michele buys a milk shake and a cola, how much change will she get back from $10.00?

Name:_____ Class:_____ Date:____/____/_____

Shopping Problems II

Solve the following.

1) If there is a store wide discount of 20% and Michele buys three colas at $1.20 each, how much will she save?

_____

2) How much will Audrey spend if she buys two deluxe cheeseburgers at $3.95 each with a discount of 20% and the sales tax is 10%?

_____

3) How much will Jennifer spend if she buys one milk shake at $2.10 each and the sales tax is 10%?

_____

4) What will the sales tax be if Jackie buys five hot dogs at $1.70 each and the sales tax rate is 10%?

_____

5) Allan buys three hamburgers at $2.75 each, four tacos at $2.45 each, and five orders of French -fries at $0.75 each. What is the total cost?

_____

6) If Sandra buys one ice cream cone at $1.70 each, how much will she spend?

_____

7) If Billy buys one ice cream cone at $1.20 each and two hamburgers at $2.75 each, how much will he spend?

_____

8) How much will Ellen spend if she buys three hot dogs at $1.10 each and the sales tax is 10%?

_____

9) If Sharon buys three orders of French-fries at $1.45 each, how much will she spend?

_____

Name:_____ Class:_____ Date:____/____/_____

Simple Interest

Use simple annual interest to solve the following.

1) The ending balance on an investment is $972.80. If the principal was invested at 10% for nine years, what was the principal?

_____

2) If an investment over eight years at a rate of $324.24 results in a final balance of $903.24, what was the original investment?

_____

3) How much principal must be invested to earn $127.60 in five years at an interest rate of 8%?

_____

4) You put $314 into a savings account with an interest rate of 4% which earns $25.12 over a period of time. How long was the period of time?

_____

5) How long must $613 be invested at a rate of 8% to earn $147.12 in interest?

_____

6) How much interest is earned on $823 at 9% for six years?

_____

7) If you put money into a savings account that earns $657.30 over seven years at a rate of 10%, how much money did you put into the account?

_____

8) How long must $322 be invested at a rate of 5% to earn $16.10 in interest?

_____

9) At what rate was an investment made that obtains $355.59 on $439 over nine years?

_____

Name:_____ Class:_____ Date:____/____/_____

Wages 1

Solve the following.

1) If Paul earns $408.60 after deductions of $158.90 and after working 50 hours what is the hourly rate?

_____

2) Ellen baby-sat for 43 hours over two weeks. She earned $11.00 an hour. What was her gross pay?

_____

3) If Jackie earns $288.75 after working 21 hours what is the hourly rate?

_____

4) Marin's gross pay is $131.75. After deductions of 16% what is her net pay?

_____

5) How much will Michele earn if she earns $9.70 for each hour worked, works 17 hours, and has payroll deductions of $32.98?

_____

6) How much will Donald earn if he earns $13.10 per hour and works 11 hours?

_____

7) Brian's net pay is $249.92 after deductions of $102.08. He makes $8.00 per hour. How many hours did he work?

_____

8) What is David's net pay if he earns $10.30 for each hour worked, works 31 hours, and has payroll deductions of 14%?

_____

9) Sharon baby-sat for eight hours over two weeks. She earned $5.75 an hour. What was her gross pay?

_____

Name:_____ Class:_____ Date:____/____/_____

Wages 2

Solve the following.

1) Janet baby-sat for 45 hours over two weeks. She earned $13.20 an hour. What was her gross pay?

_____

2) What is Brian's net pay if he earns $9.35 for each hour worked, works 33 hours, and has payroll deductions of 28%?

_____

3) Jackie's gross pay is $287.00. After deductions of 26% what is her net pay?

_____

4) How much will Sandra earn if she earns $6.90 for each hour worked, works 17 hours, and has payroll deductions of $30.50?

_____

5) Paul's net pay is $152.82 after deductions of $59.43. He makes $14.15 per hour. How many hours did he work?

_____

6) If Amy earns $85.50 after working 18 hours what is the hourly rate?

_____

7) If Jake earns $189.08 after deductions of $47.27 and after working 29 hours what is the hourly rate?

_____

8) How much will David earn if he earns $8.95 per hour and works 25 hours?

_____

9) Jennifer's gross pay is $397.80. After deductions of 20% what is her net pay?

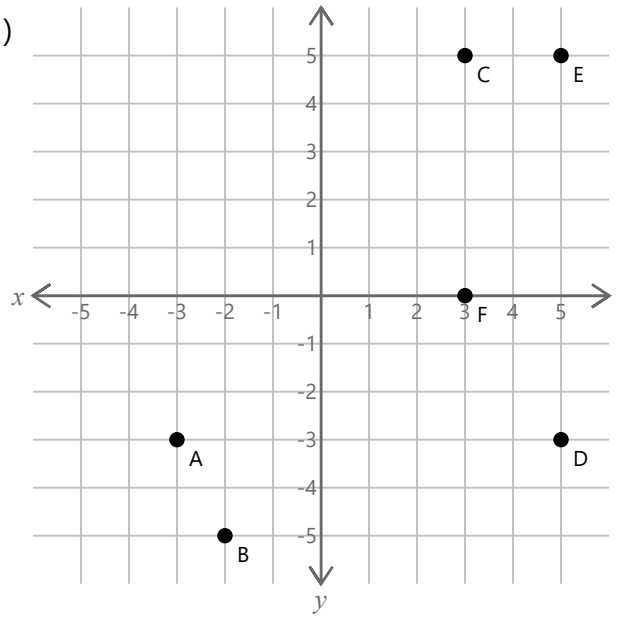
_____

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Four Quadrants 1

Fill in as indicated.

1)

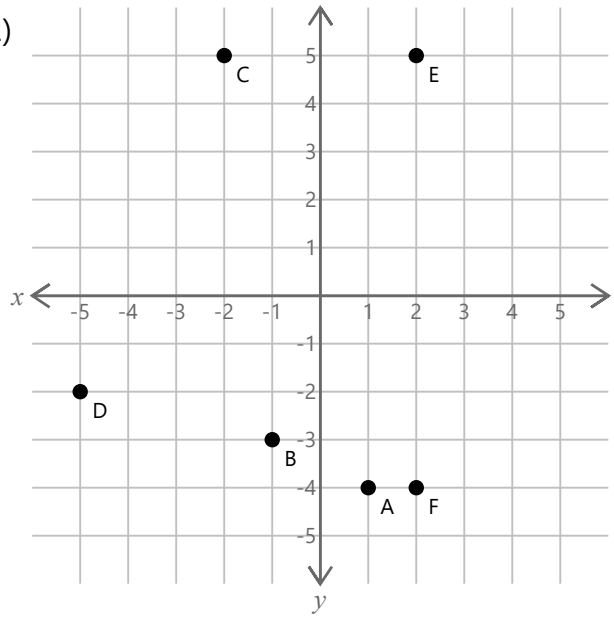


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

2)

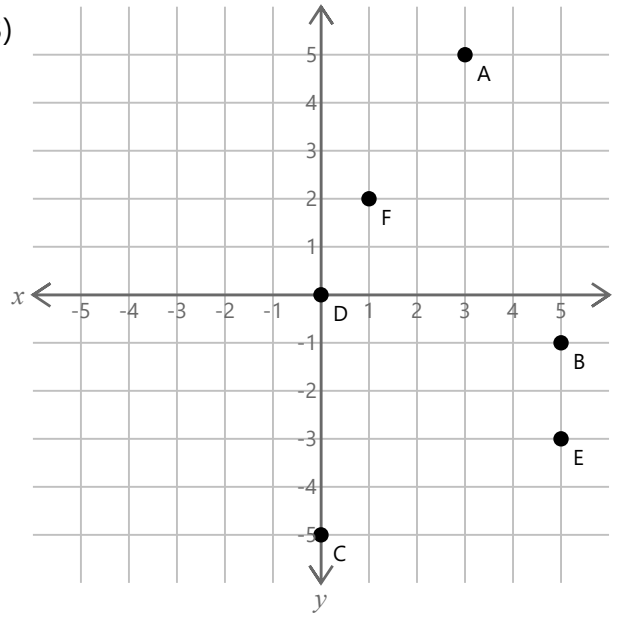


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

3)

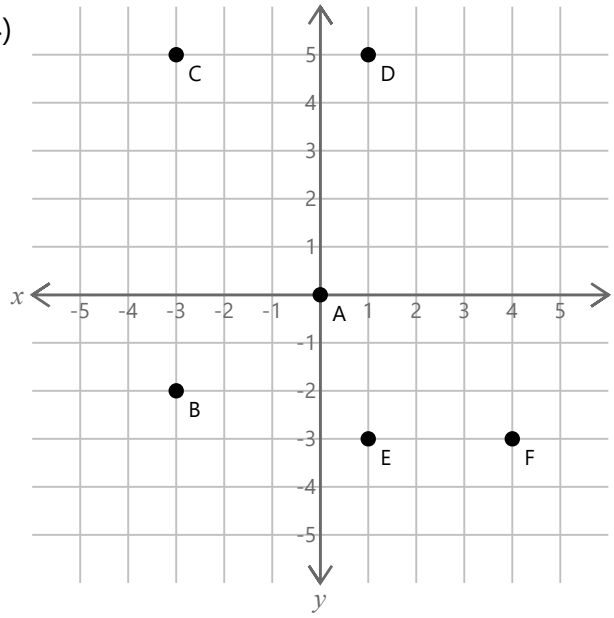


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

4)



A = _____ B = _____

C = _____ D = _____

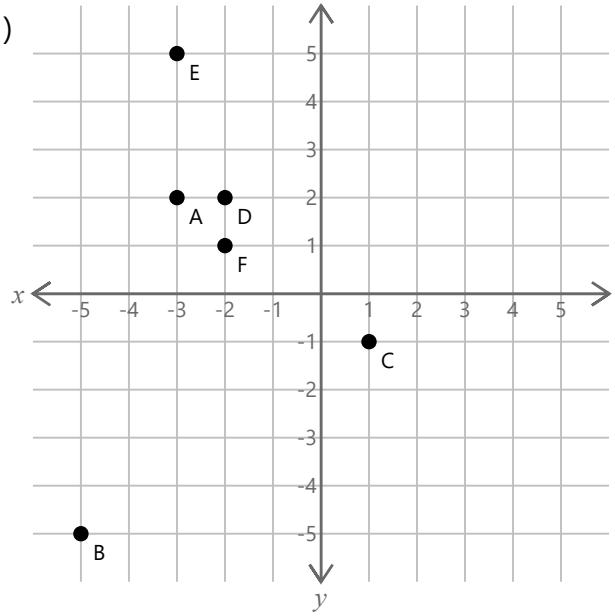
E = _____ F = _____

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Four Quadrants 2

Fill in as indicated.

1)

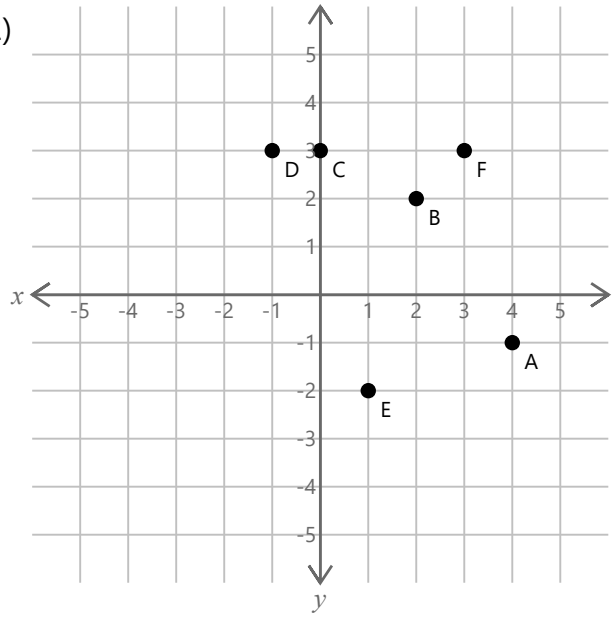


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

2)

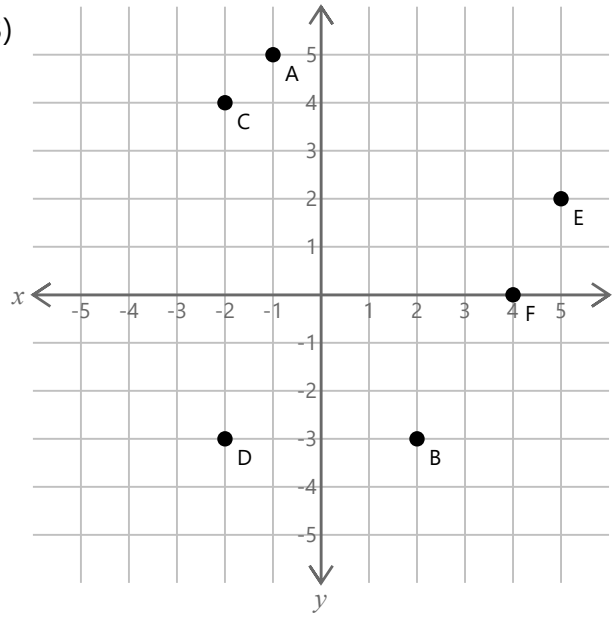


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

3)

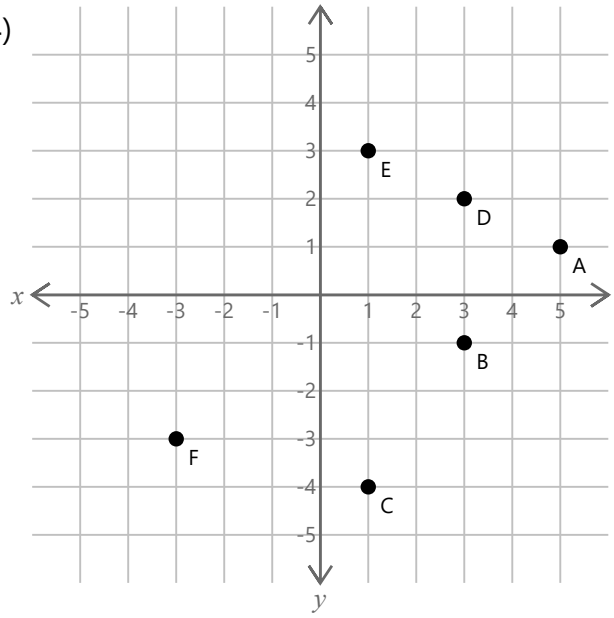


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

4)



A = _____ B = _____

C = _____ D = _____

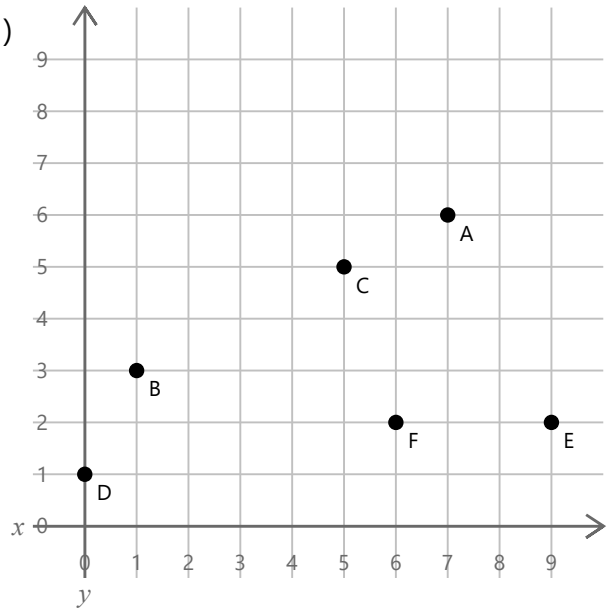
E = _____ F = _____

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Single Quadrant 1

Fill in as indicated.

1)

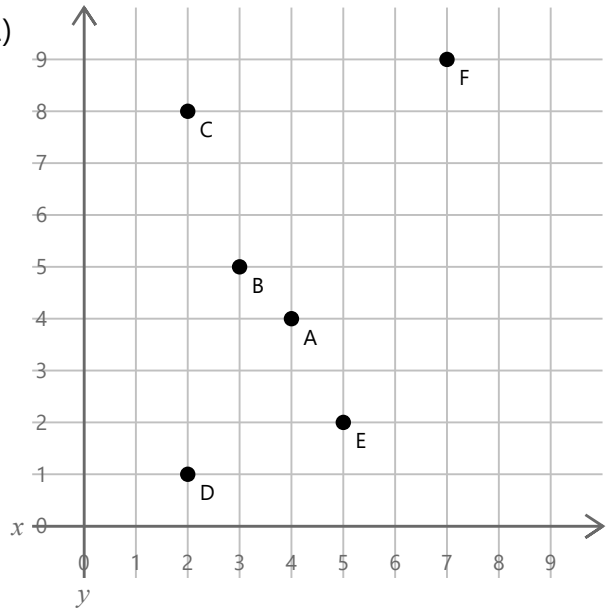


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

2)

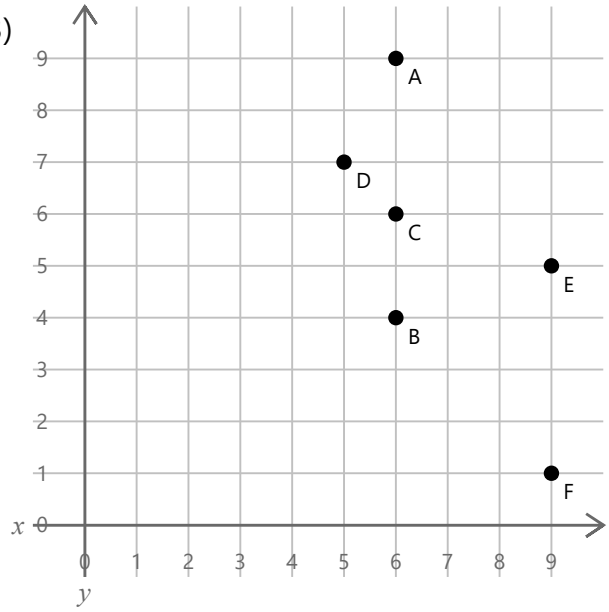


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

3)

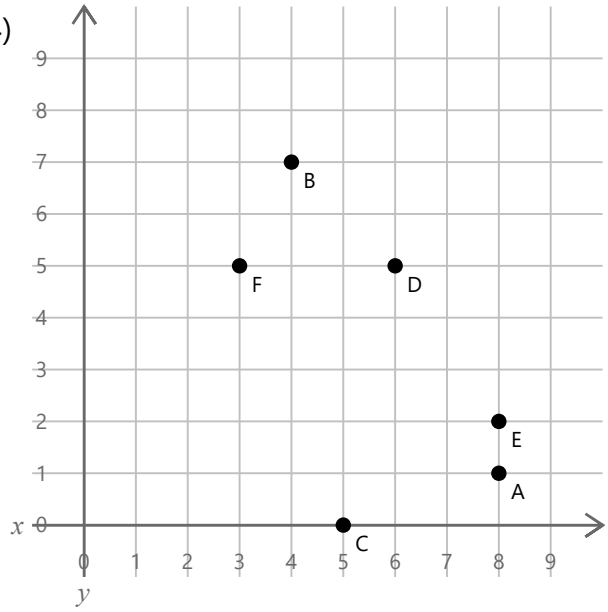


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

4)



A = _____ B = _____

C = _____ D = _____

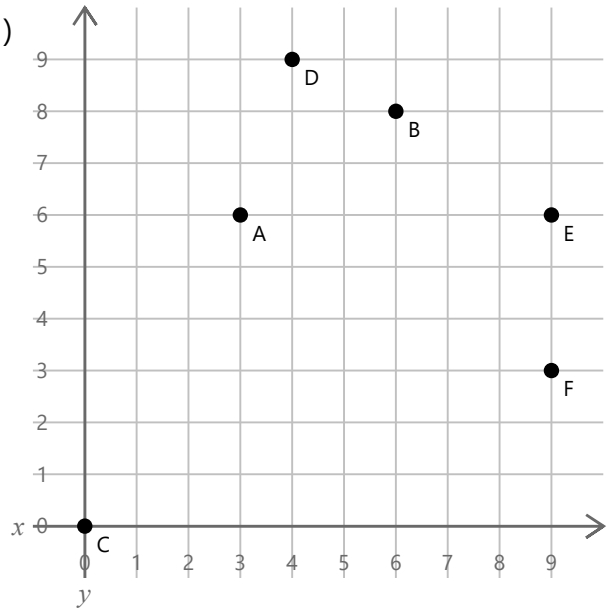
E = _____ F = _____

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Single Quadrant 2

Fill in as indicated.

1)

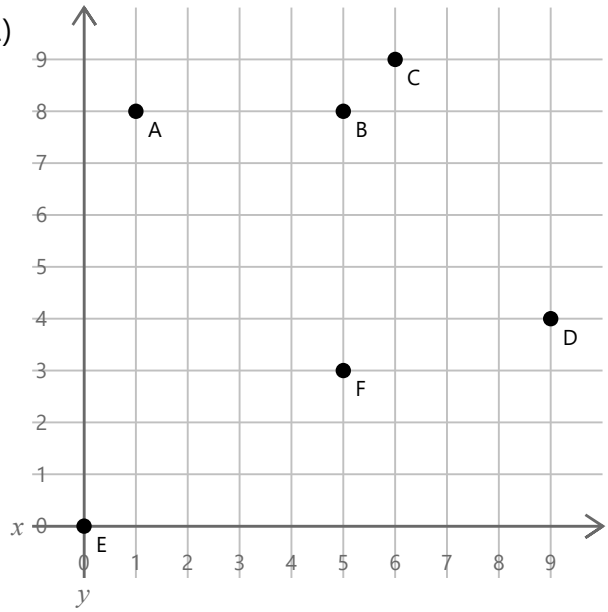


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

2)

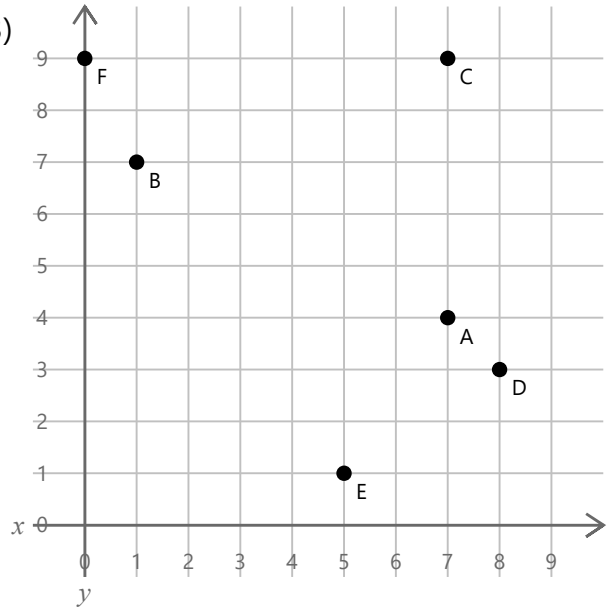


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

3)

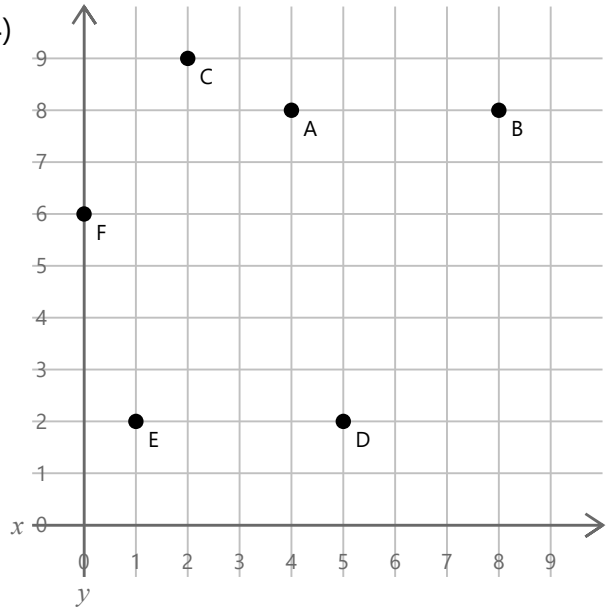


A = _____ B = _____

C = _____ D = _____

E = _____ F = _____

4)



A = _____ B = _____

C = _____ D = _____

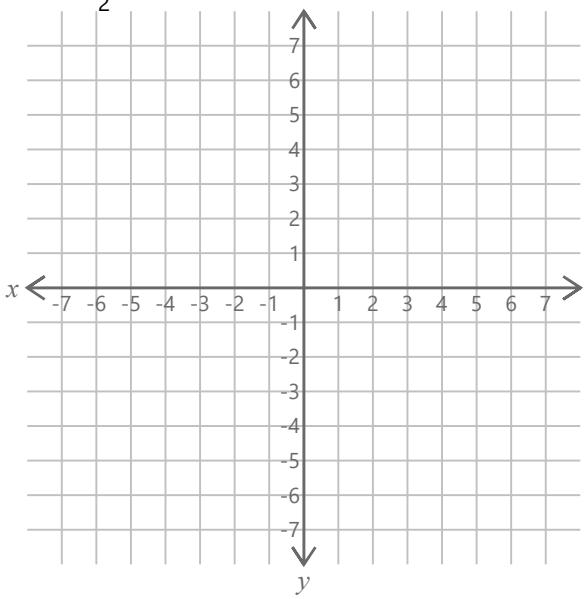
E = _____ F = _____

Name:_____ Class:_____ Date:____/____/_____

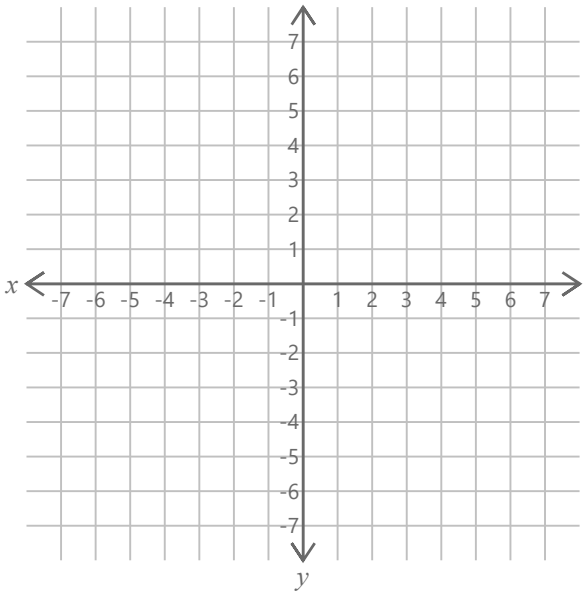
Slope-Intercept Form 1

Draw the graph of each line.

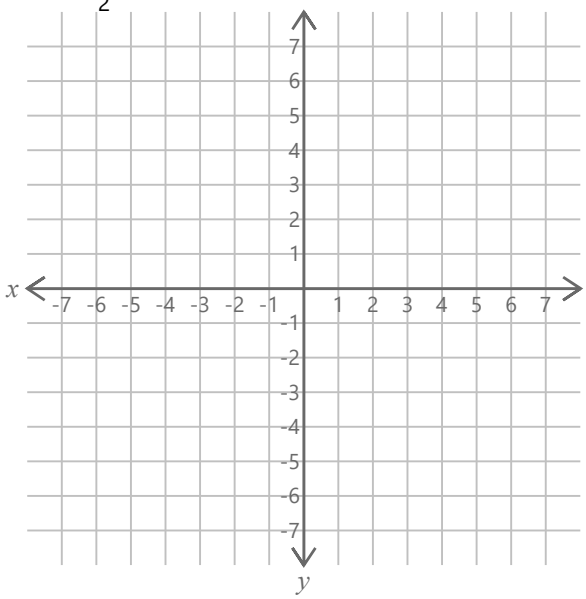
1) $y = \frac{-5}{2}x + 2$



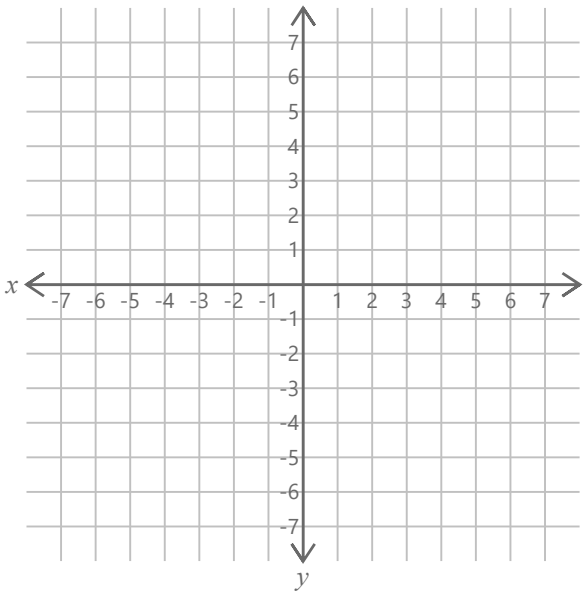
2) $y = 2x$



3) $y = \frac{-3}{2}x + 7$



4) $y = -2x + 7$

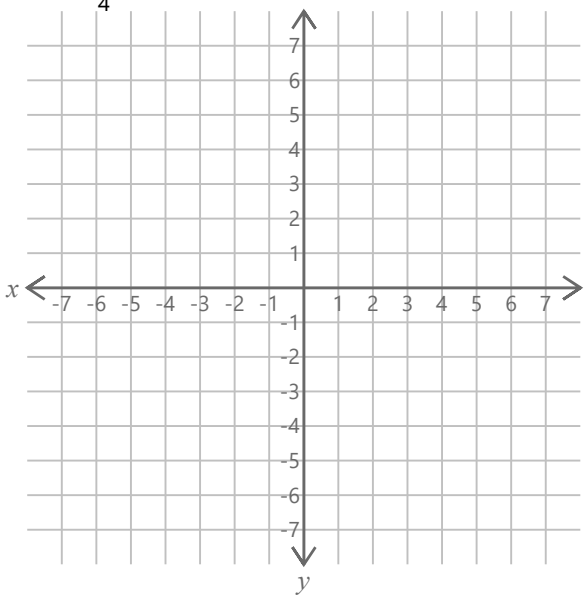


Name:_____ Class:_____ Date:____/____/_____

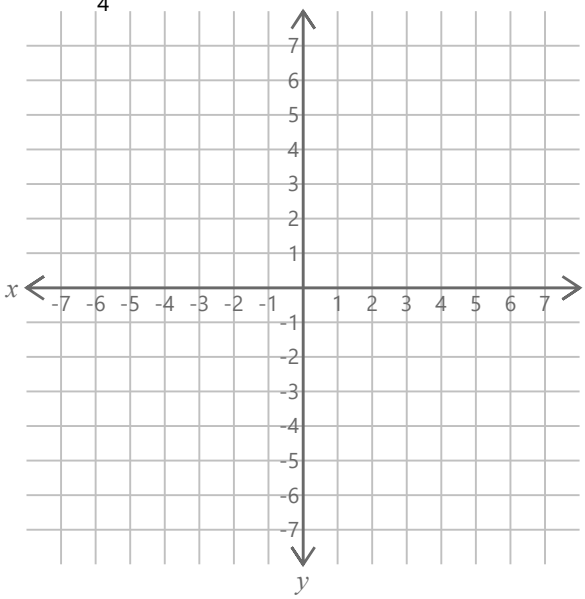
Slope-Intercept Form 2

Draw the graph of each line.

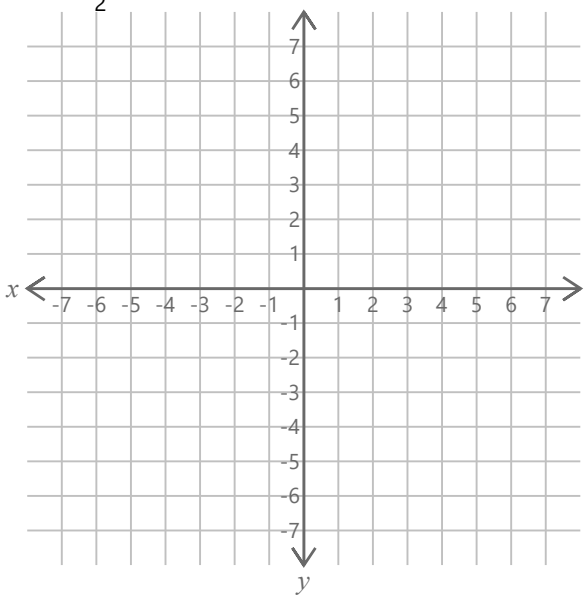
1) $y = \frac{-3}{4}x + 3$



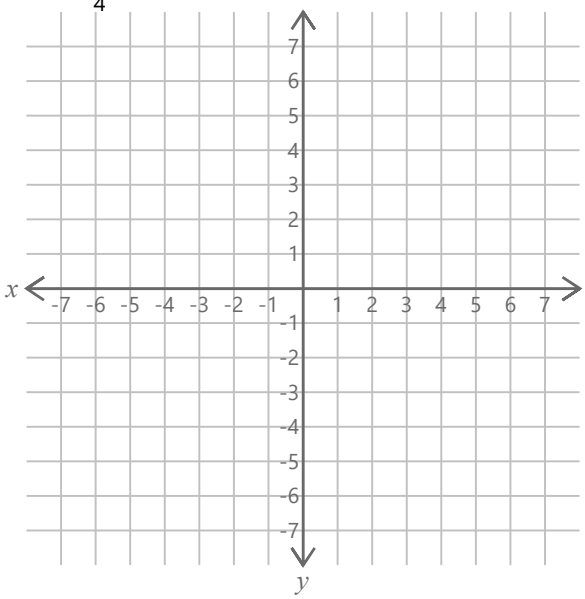
2) $y = \frac{-7}{4}x$



3) $y = \frac{5}{2}x - 1$



4) $y = \frac{1}{4}x - 4$

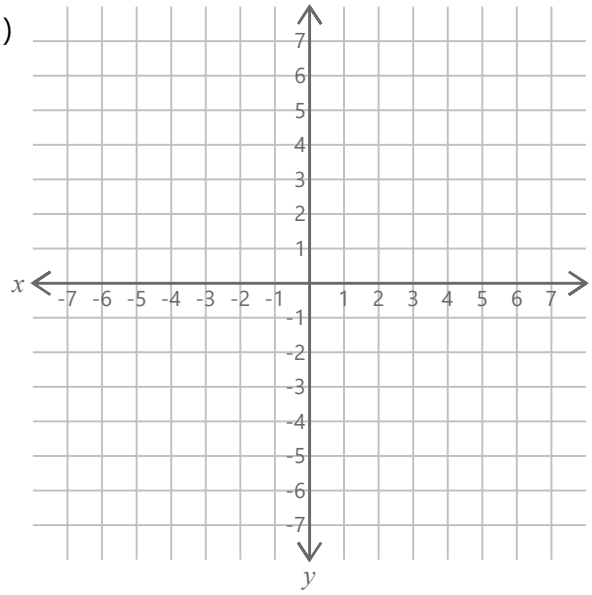


Name:_____ Class:_____ Date:____/____/_____

Plot Lines 1

Plot and draw the lines.

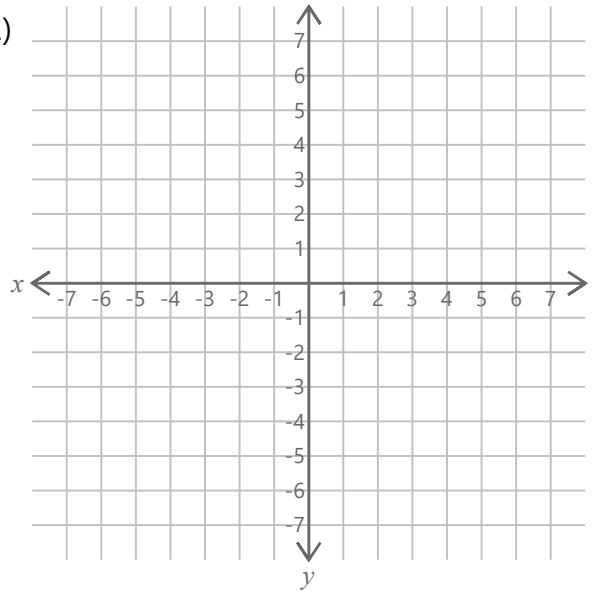
1)



A = (-1, 4) B = (-3, 0)

C = (-6, -6) D = (-4, -2)

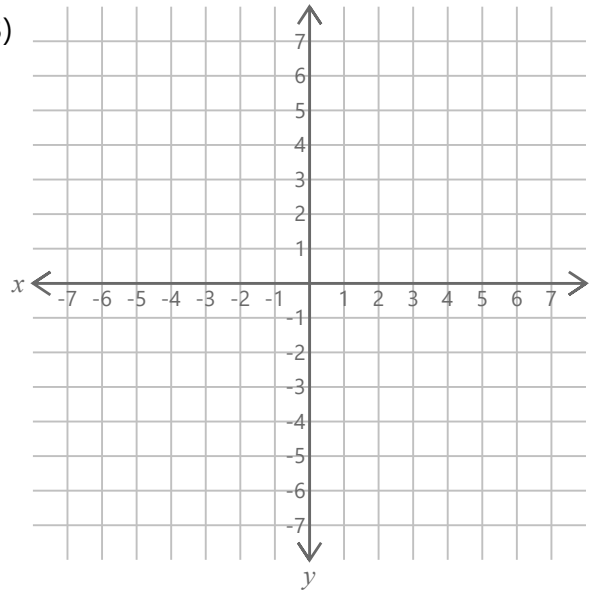
2)



A = (-6, -2) B = (0, -5)

C = (2, -6) D = (-4, -3)

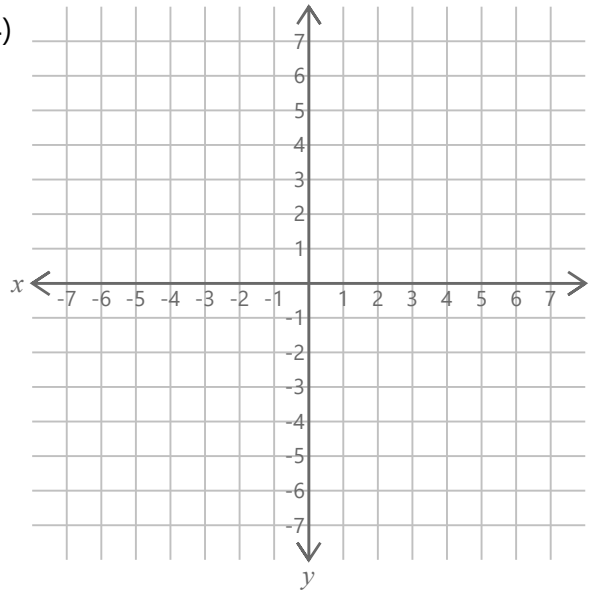
3)



A = (2, -7) B = (-2, -5)

C = (0, -6) D = (-6, -3)

4)



A = (0, -7) B = (1, -6)

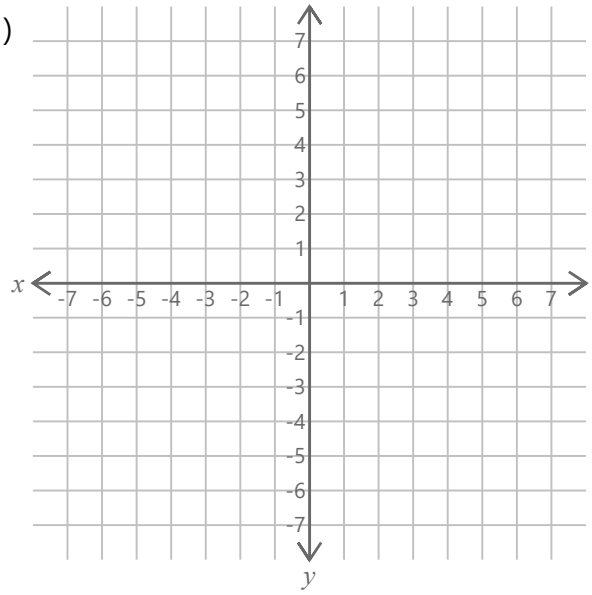
C = (2, -5) D = (6, -1)

Name:_____ Class:_____ Date:____/____/_____

Plot Lines 2

Plot and draw the lines.

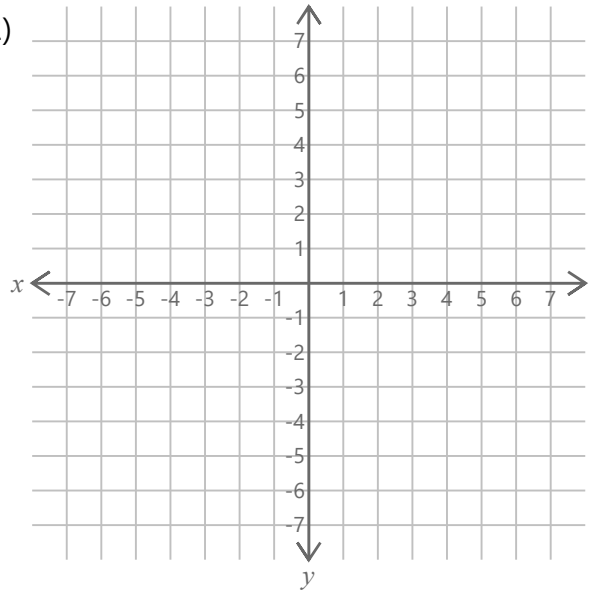
1)



A = (-5, 1) B = (1, -5)

C = (3, -7) D = (2, -6)

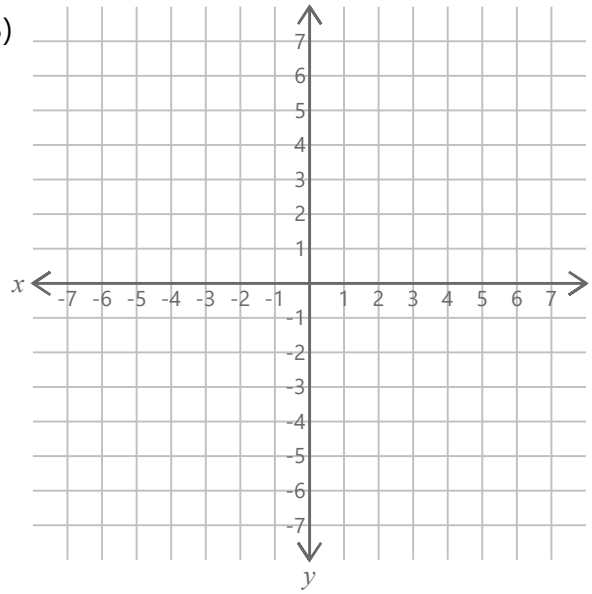
2)



A = (6, -5) B = (4, -2)

C = (-2, 7) D = (2, 1)

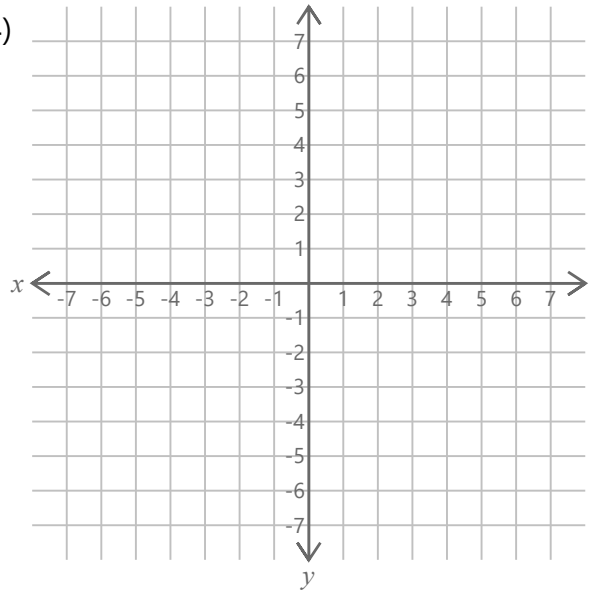
3)



A = (-3, 7) B = (-2, 4)

C = (0, -2) D = (-1, 1)

4)



A = (-1, -4) B = (7, 4)

C = (2, -1) D = (6, 3)

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Proper Fractions

Compare the fractions.

1) $\frac{1}{4}$ ___ $\frac{7}{9}$
2) $\frac{1}{8}$ ___ $\frac{7}{12}$
3) $\frac{1}{7}$ ___ $\frac{3}{6}$
4) $\frac{1}{3}$ ___ $\frac{1}{12}$
5) $\frac{1}{6}$ ___ $\frac{1}{8}$
6) $\frac{3}{4}$ ___ $\frac{1}{2}$

7) $\frac{3}{5}$ ___ $\frac{1}{10}$
8) $\frac{3}{11}$ ___ $\frac{2}{3}$
9) $\frac{7}{9}$ ___ $\frac{2}{7}$
10) $\frac{7}{9}$ ___ $\frac{3}{8}$
11) $\frac{1}{2}$ ___ $\frac{2}{5}$
12) $\frac{4}{6}$ ___ $\frac{1}{4}$

13) $\frac{3}{11}$ ___ $\frac{1}{3}$
14) $\frac{3}{7}$ ___ $\frac{7}{10}$
15) $\frac{7}{12}$ ___ $\frac{5}{10}$
16) $\frac{2}{3}$ ___ $\frac{4}{6}$
17) $\frac{1}{4}$ ___ $\frac{1}{8}$
18) $\frac{5}{11}$ ___ $\frac{5}{12}$

19) $\frac{6}{7}$ ___ $\frac{1}{2}$
20) $\frac{2}{9}$ ___ $\frac{2}{5}$
21) $\frac{2}{10}$ ___ $\frac{1}{5}$
22) $\frac{2}{7}$ ___ $\frac{3}{6}$
23) $\frac{4}{8}$ ___ $\frac{1}{2}$
24) $\frac{5}{11}$ ___ $\frac{8}{9}$

25) $\frac{1}{3}$ ___ $\frac{3}{4}$
26) $\frac{2}{12}$ ___ $\frac{3}{8}$
27) $\frac{5}{7}$ ___ $\frac{2}{3}$
28) $\frac{4}{11}$ ___ $\frac{1}{2}$
29) $\frac{1}{6}$ ___ $\frac{8}{9}$
30) $\frac{2}{4}$ ___ $\frac{6}{12}$

31) $\frac{2}{10}$ ___ $\frac{3}{5}$
32) $\frac{4}{9}$ ___ $\frac{3}{5}$
33) $\frac{2}{4}$ ___ $\frac{1}{7}$
34) $\frac{1}{3}$ ___ $\frac{4}{9}$
35) $\frac{6}{11}$ ___ $\frac{1}{2}$
36) $\frac{10}{12}$ ___ $\frac{5}{8}$

37) $\frac{1}{6}$ ___ $\frac{3}{10}$
38) $\frac{2}{8}$ ___ $\frac{3}{6}$
39) $\frac{2}{7}$ ___ $\frac{3}{10}$
40) $\frac{3}{5}$ ___ $\frac{1}{4}$
41) $\frac{1}{11}$ ___ $\frac{1}{2}$
42) $\frac{1}{3}$ ___ $\frac{6}{9}$

43) $\frac{4}{12}$ ___ $\frac{1}{3}$
44) $\frac{7}{9}$ ___ $\frac{3}{6}$
45) $\frac{9}{12}$ ___ $\frac{3}{4}$
46) $\frac{2}{5}$ ___ $\frac{9}{10}$
47) $\frac{8}{11}$ ___ $\frac{1}{2}$
48) $\frac{2}{7}$ ___ $\frac{5}{8}$

49) $\frac{10}{11}$ ___ $\frac{3}{8}$
50) $\frac{9}{10}$ ___ $\frac{1}{3}$
51) $\frac{2}{5}$ ___ $\frac{3}{6}$
52) $\frac{1}{9}$ ___ $\frac{1}{2}$
53) $\frac{4}{9}$ ___ $\frac{7}{8}$
54) $\frac{4}{12}$ ___ $\frac{1}{4}$

55) $\frac{2}{5}$ ___ $\frac{2}{3}$
56) $\frac{1}{7}$ ___ $\frac{7}{10}$
57) $\frac{2}{4}$ ___ $\frac{1}{3}$
58) $\frac{3}{11}$ ___ $\frac{5}{10}$
59) $\frac{5}{8}$ ___ $\frac{5}{6}$
60) $\frac{6}{12}$ ___ $\frac{4}{5}$

61) $\frac{1}{9}$ ___ $\frac{5}{10}$
62) $\frac{3}{4}$ ___ $\frac{6}{8}$
63) $\frac{3}{9}$ ___ $\frac{3}{11}$
64) $\frac{1}{5}$ ___ $\frac{1}{6}$
65) $\frac{1}{2}$ ___ $\frac{10}{12}$
66) $\frac{2}{3}$ ___ $\frac{5}{7}$

67) $\frac{1}{12}$ ___ $\frac{2}{4}$
68) $\frac{2}{9}$ ___ $\frac{4}{5}$
69) $\frac{1}{7}$ ___ $\frac{1}{2}$
70) $\frac{6}{11}$ ___ $\frac{5}{8}$
71) $\frac{3}{10}$ ___ $\frac{2}{3}$
72) $\frac{3}{6}$ ___ $\frac{11}{12}$

73) $\frac{2}{8}$ ___ $\frac{8}{9}$
74) $\frac{1}{11}$ ___ $\frac{1}{3}$
75) $\frac{2}{6}$ ___ $\frac{3}{7}$
76) $\frac{4}{5}$ ___ $\frac{2}{10}$
77) $\frac{1}{2}$ ___ $\frac{3}{4}$
78) $\frac{5}{12}$ ___ $\frac{8}{10}$

79) $\frac{1}{5}$ ___ $\frac{2}{3}$
80) $\frac{3}{6}$ ___ $\frac{1}{2}$
81) $\frac{10}{11}$ ___ $\frac{4}{9}$
82) $\frac{3}{4}$ ___ $\frac{2}{7}$
83) $\frac{1}{8}$ ___ $\frac{2}{4}$
84) $\frac{1}{3}$ ___ $\frac{8}{9}$

85) $\frac{1}{2}$ ___ $\frac{5}{7}$
86) $\frac{4}{5}$ ___ $\frac{9}{11}$
87) $\frac{3}{8}$ ___ $\frac{4}{12}$
88) $\frac{1}{6}$ ___ $\frac{5}{10}$
89) $\frac{1}{3}$ ___ $\frac{5}{6}$
90) $\frac{6}{12}$ ___ $\frac{5}{11}$

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Improper Fractions

Compare the fractions.

1) $\frac{4}{3}$ ___ $\frac{3}{2}$
2) $\frac{17}{6}$ ___ $\frac{32}{12}$
3) $\frac{6}{4}$ ___ $\frac{13}{8}$
4) $\frac{16}{9}$ ___ $\frac{19}{11}$
5) $\frac{20}{11}$ ___ $\frac{15}{9}$
6) $\frac{7}{3}$ ___ $\frac{16}{6}$

7) $\frac{7}{5}$ ___ $\frac{10}{4}$
8) $\frac{9}{7}$ ___ $\frac{5}{2}$
9) $\frac{9}{8}$ ___ $\frac{14}{10}$
10) $\frac{23}{12}$ ___ $\frac{23}{8}$
11) $\frac{11}{5}$ ___ $\frac{9}{7}$
12) $\frac{23}{9}$ ___ $\frac{16}{11}$

13) $\frac{34}{12}$ ___ $\frac{3}{2}$
14) $\frac{5}{3}$ ___ $\frac{7}{6}$
15) $\frac{15}{10}$ ___ $\frac{7}{4}$
16) $\frac{14}{6}$ ___ $\frac{12}{10}$
17) $\frac{24}{11}$ ___ $\frac{3}{2}$
18) $\frac{6}{4}$ ___ $\frac{11}{8}$

19) $\frac{6}{5}$ ___ $\frac{9}{7}$
20) $\frac{19}{12}$ ___ $\frac{21}{9}$
21) $\frac{5}{3}$ ___ $\frac{20}{7}$
22) $\frac{12}{5}$ ___ $\frac{14}{11}$
23) $\frac{3}{2}$ ___ $\frac{26}{9}$
24) $\frac{8}{3}$ ___ $\frac{11}{8}$

25) $\frac{27}{10}$ ___ $\frac{27}{12}$
26) $\frac{10}{6}$ ___ $\frac{10}{4}$
27) $\frac{3}{2}$ ___ $\frac{5}{4}$
28) $\frac{8}{5}$ ___ $\frac{16}{10}$
29) $\frac{12}{7}$ ___ $\frac{19}{8}$
30) $\frac{33}{12}$ ___ $\frac{21}{11}$

31) $\frac{5}{3}$ ___ $\frac{11}{6}$
32) $\frac{13}{9}$ ___ $\frac{8}{3}$
33) $\frac{10}{6}$ ___ $\frac{19}{8}$
34) $\frac{19}{9}$ ___ $\frac{14}{5}$
35) $\frac{21}{12}$ ___ $\frac{24}{10}$
36) $\frac{27}{11}$ ___ $\frac{9}{7}$

37) $\frac{5}{2}$ ___ $\frac{5}{4}$
38) $\frac{4}{3}$ ___ $\frac{15}{10}$
39) $\frac{9}{4}$ ___ $\frac{19}{9}$
40) $\frac{10}{8}$ ___ $\frac{11}{5}$
41) $\frac{29}{12}$ ___ $\frac{19}{7}$
42) $\frac{30}{11}$ ___ $\frac{7}{6}$

43) $\frac{5}{2}$ ___ $\frac{8}{6}$
44) $\frac{13}{6}$ ___ $\frac{11}{5}$
45) $\frac{22}{8}$ ___ $\frac{25}{9}$
46) $\frac{22}{10}$ ___ $\frac{18}{12}$
47) $\frac{3}{2}$ ___ $\frac{5}{3}$
48) $\frac{10}{7}$ ___ $\frac{29}{11}$

49) $\frac{5}{4}$ ___ $\frac{16}{6}$
50) $\frac{29}{10}$ ___ $\frac{28}{11}$
51) $\frac{15}{9}$ ___ $\frac{18}{7}$
52) $\frac{14}{12}$ ___ $\frac{5}{4}$
53) $\frac{8}{5}$ ___ $\frac{17}{8}$
54) $\frac{5}{2}$ ___ $\frac{8}{3}$

55) $\frac{4}{3}$ ___ $\frac{15}{7}$
56) $\frac{21}{9}$ ___ $\frac{16}{6}$
57) $\frac{23}{8}$ ___ $\frac{5}{2}$
58) $\frac{7}{5}$ ___ $\frac{7}{4}$
59) $\frac{14}{12}$ ___ $\frac{18}{10}$
60) $\frac{24}{11}$ ___ $\frac{5}{4}$

61) $\frac{10}{9}$ ___ $\frac{18}{11}$
62) $\frac{9}{8}$ ___ $\frac{7}{3}$
63) $\frac{27}{10}$ ___ $\frac{32}{12}$
64) $\frac{13}{5}$ ___ $\frac{16}{7}$
65) $\frac{3}{2}$ ___ $\frac{15}{6}$
66) $\frac{12}{10}$ ___ $\frac{21}{12}$

67) $\frac{4}{3}$ ___ $\frac{8}{6}$
68) $\frac{11}{4}$ ___ $\frac{12}{8}$
69) $\frac{12}{5}$ ___ $\frac{24}{9}$
70) $\frac{8}{7}$ ___ $\frac{28}{11}$
71) $\frac{3}{2}$ ___ $\frac{10}{9}$
72) $\frac{6}{4}$ ___ $\frac{3}{2}$

73) $\frac{30}{11}$ ___ $\frac{11}{6}$
74) $\frac{16}{7}$ ___ $\frac{27}{12}$
75) $\frac{17}{10}$ ___ $\frac{4}{3}$
76) $\frac{21}{8}$ ___ $\frac{9}{5}$
77) $\frac{15}{10}$ ___ $\frac{8}{6}$
78) $\frac{4}{3}$ ___ $\frac{5}{2}$

79) $\frac{30}{12}$ ___ $\frac{18}{8}$
80) $\frac{12}{9}$ ___ $\frac{20}{7}$
81) $\frac{8}{5}$ ___ $\frac{10}{4}$
82) $\frac{18}{11}$ ___ $\frac{20}{7}$
83) $\frac{22}{9}$ ___ $\frac{22}{10}$
84) $\frac{10}{4}$ ___ $\frac{3}{2}$

85) $\frac{7}{3}$ ___ $\frac{20}{11}$
86) $\frac{13}{12}$ ___ $\frac{6}{5}$
87) $\frac{15}{8}$ ___ $\frac{15}{6}$
88) $\frac{13}{9}$ ___ $\frac{18}{12}$
89) $\frac{8}{7}$ ___ $\frac{14}{6}$
90) $\frac{6}{4}$ ___ $\frac{12}{8}$

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Equivalent Fractions

Compare the fractions.

1) $\frac{4}{20}$ ___ $\frac{5}{10}$
2) $\frac{12}{42}$ ___ $\frac{54}{60}$
3) $\frac{15}{18}$ ___ $\frac{4}{12}$
4) $\frac{10}{25}$ ___ $\frac{36}{60}$
5) $\frac{3}{12}$ ___ $\frac{12}{24}$
6) $\frac{24}{36}$ ___ $\frac{3}{33}$

7) $\frac{24}{27}$ ___ $\frac{6}{24}$
8) $\frac{4}{8}$ ___ $\frac{12}{42}$
9) $\frac{10}{15}$ ___ $\frac{5}{20}$
10) $\frac{9}{21}$ ___ $\frac{5}{30}$
11) $\frac{4}{20}$ ___ $\frac{6}{16}$
12) $\frac{30}{72}$ ___ $\frac{25}{50}$

13) $\frac{8}{36}$ ___ $\frac{3}{9}$
14) $\frac{3}{6}$ ___ $\frac{14}{22}$
15) $\frac{4}{12}$ ___ $\frac{48}{54}$
16) $\frac{5}{10}$ ___ $\frac{3}{36}$
17) $\frac{18}{21}$ ___ $\frac{28}{44}$
18) $\frac{12}{24}$ ___ $\frac{24}{48}$

19) $\frac{10}{50}$ ___ $\frac{3}{18}$
20) $\frac{6}{10}$ ___ $\frac{20}{24}$
21) $\frac{24}{32}$ ___ $\frac{18}{21}$
22) $\frac{4}{10}$ ___ $\frac{10}{55}$
23) $\frac{6}{54}$ ___ $\frac{12}{36}$
24) $\frac{4}{8}$ ___ $\frac{4}{12}$

25) $\frac{2}{4}$ ___ $\frac{2}{20}$
26) $\frac{2}{4}$ ___ $\frac{9}{30}$
27) $\frac{3}{21}$ ___ $\frac{30}{36}$
28) $\frac{3}{24}$ ___ $\frac{6}{9}$
29) $\frac{12}{24}$ ___ $\frac{9}{36}$
30) $\frac{24}{30}$ ___ $\frac{48}{54}$

31) $\frac{4}{22}$ ___ $\frac{8}{16}$
32) $\frac{20}{32}$ ___ $\frac{10}{20}$
33) $\frac{20}{30}$ ___ $\frac{24}{28}$
34) $\frac{6}{18}$ ___ $\frac{50}{60}$
35) $\frac{10}{45}$ ___ $\frac{4}{10}$
36) $\frac{3}{6}$ ___ $\frac{25}{55}$

37) $\frac{10}{22}$ ___ $\frac{10}{30}$
38) $\frac{54}{60}$ ___ $\frac{20}{32}$
39) $\frac{6}{36}$ ___ $\frac{2}{4}$
40) $\frac{25}{45}$ ___ $\frac{8}{12}$
41) $\frac{30}{42}$ ___ $\frac{8}{20}$
42) $\frac{4}{8}$ ___ $\frac{6}{24}$

43) $\frac{28}{32}$ ___ $\frac{2}{10}$
44) $\frac{24}{42}$ ___ $\frac{6}{12}$
45) $\frac{25}{45}$ ___ $\frac{4}{12}$
46) $\frac{18}{60}$ ___ $\frac{12}{72}$
47) $\frac{6}{33}$ ___ $\frac{12}{36}$
48) $\frac{5}{10}$ ___ $\frac{8}{28}$

49) $\frac{5}{15}$ ___ $\frac{8}{20}$
50) $\frac{10}{12}$ ___ $\frac{6}{24}$
51) $\frac{9}{15}$ ___ $\frac{28}{48}$
52) $\frac{32}{44}$ ___ $\frac{3}{27}$
53) $\frac{12}{24}$ ___ $\frac{25}{35}$
54) $\frac{14}{24}$ ___ $\frac{6}{12}$

55) $\frac{24}{32}$ ___ $\frac{6}{20}$
56) $\frac{8}{12}$ ___ $\frac{9}{12}$
57) $\frac{12}{44}$ ___ $\frac{5}{45}$
58) $\frac{12}{24}$ ___ $\frac{16}{20}$
59) $\frac{24}{42}$ ___ $\frac{24}{30}$
60) $\frac{5}{10}$ ___ $\frac{5}{20}$

61) $\frac{2}{6}$ ___ $\frac{18}{48}$
62) $\frac{32}{36}$ ___ $\frac{20}{22}$
63) $\frac{16}{24}$ ___ $\frac{16}{40}$
64) $\frac{18}{24}$ ___ $\frac{18}{33}$
65) $\frac{6}{15}$ ___ $\frac{6}{18}$
66) $\frac{12}{27}$ ___ $\frac{12}{18}$

67) $\frac{21}{24}$ ___ $\frac{10}{50}$
68) $\frac{4}{14}$ ___ $\frac{2}{4}$
69) $\frac{8}{16}$ ___ $\frac{50}{60}$
70) $\frac{6}{48}$ ___ $\frac{24}{66}$
71) $\frac{6}{10}$ ___ $\frac{2}{12}$
72) $\frac{3}{9}$ ___ $\frac{16}{28}$

73) $\frac{15}{40}$ ___ $\frac{24}{54}$
74) $\frac{25}{50}$ ___ $\frac{8}{24}$
75) $\frac{8}{16}$ ___ $\frac{5}{10}$
76) $\frac{12}{36}$ ___ $\frac{24}{32}$
77) $\frac{6}{9}$ ___ $\frac{6}{18}$
78) $\frac{6}{24}$ ___ $\frac{4}{8}$

79) $\frac{24}{27}$ ___ $\frac{15}{21}$
80) $\frac{10}{55}$ ___ $\frac{15}{25}$
81) $\frac{30}{50}$ ___ $\frac{12}{24}$
82) $\frac{25}{35}$ ___ $\frac{12}{20}$
83) $\frac{18}{54}$ ___ $\frac{5}{10}$
84) $\frac{35}{40}$ ___ $\frac{21}{36}$

85) $\frac{5}{15}$ ___ $\frac{18}{66}$
86) $\frac{4}{16}$ ___ $\frac{9}{30}$
87) $\frac{36}{72}$ ___ $\frac{2}{20}$
88) $\frac{60}{66}$ ___ $\frac{30}{40}$
89) $\frac{6}{9}$ ___ $\frac{5}{35}$
90) $\frac{12}{15}$ ___ $\frac{8}{12}$

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Mixed Numerals

Compare the fractions.

1) $4\frac{3}{11}$ ___ $6\frac{8}{10}$
2) $7\frac{1}{5}$ ___ $8\frac{2}{3}$
3) $6\frac{1}{2}$ ___ $3\frac{2}{7}$
4) $2\frac{1}{8}$ ___ $8\frac{1}{9}$
5) $1\frac{4}{6}$ ___ $7\frac{7}{10}$
6) $8\frac{4}{5}$ ___ $2\frac{2}{3}$
7) $6\frac{3}{7}$ ___ $5\frac{1}{2}$
8) $9\frac{6}{8}$ ___ $9\frac{7}{11}$
9) $9\frac{2}{12}$ ___ $6\frac{2}{4}$
10) $1\frac{1}{9}$ ___ $5\frac{2}{6}$
11) $4\frac{6}{7}$ ___ $2\frac{2}{3}$
12) $9\frac{1}{5}$ ___ $7\frac{2}{10}$
13) $7\frac{3}{4}$ ___ $9\frac{7}{12}$
14) $4\frac{2}{6}$ ___ $4\frac{1}{2}$
15) $7\frac{6}{8}$ ___ $5\frac{2}{9}$
16) $4\frac{7}{11}$ ___ $1\frac{2}{11}$
17) $3\frac{6}{7}$ ___ $1\frac{2}{12}$
18) $5\frac{7}{10}$ ___ $6\frac{2}{3}$
19) $3\frac{3}{5}$ ___ $4\frac{6}{8}$
20) $4\frac{1}{2}$ ___ $5\frac{1}{6}$
21) $4\frac{4}{9}$ ___ $1\frac{3}{4}$
22) $7\frac{5}{12}$ ___ $7\frac{2}{4}$
23) $2\frac{5}{7}$ ___ $3\frac{3}{5}$
24) $9\frac{1}{2}$ ___ $5\frac{7}{9}$
25) $6\frac{3}{11}$ ___ $7\frac{2}{8}$
26) $2\frac{8}{10}$ ___ $2\frac{1}{6}$
27) $9\frac{2}{3}$ ___ $1\frac{1}{4}$
28) $8\frac{4}{7}$ ___ $5\frac{3}{11}$
29) $6\frac{5}{8}$ ___ $3\frac{1}{9}$
30) $1\frac{1}{2}$ ___ $2\frac{2}{3}$
31) $4\frac{3}{5}$ ___ $6\frac{3}{6}$
32) $6\frac{10}{12}$ ___ $7\frac{7}{10}$
33) $3\frac{4}{9}$ ___ $5\frac{1}{6}$
34) $4\frac{1}{8}$ ___ $3\frac{3}{5}$
35) $6\frac{1}{3}$ ___ $4\frac{1}{2}$
36) $5\frac{5}{10}$ ___ $8\frac{2}{7}$
37) $2\frac{3}{4}$ ___ $2\frac{7}{11}$
38) $5\frac{10}{12}$ ___ $2\frac{6}{7}$
39) $1\frac{5}{6}$ ___ $5\frac{1}{11}$
40) $4\frac{2}{3}$ ___ $3\frac{3}{7}$
41) $5\frac{2}{9}$ ___ $3\frac{3}{5}$
42) $8\frac{7}{10}$ ___ $3\frac{5}{12}$
43) $8\frac{1}{4}$ ___ $1\frac{1}{2}$
44) $4\frac{6}{8}$ ___ $3\frac{7}{10}$
45) $6\frac{1}{6}$ ___ $6\frac{9}{12}$
46) $5\frac{8}{9}$ ___ $9\frac{2}{3}$
47) $9\frac{5}{11}$ ___ $1\frac{4}{7}$
48) $2\frac{2}{5}$ ___ $9\frac{1}{2}$
49) $9\frac{1}{4}$ ___ $9\frac{2}{8}$
50) $9\frac{7}{9}$ ___ $1\frac{1}{5}$
51) $4\frac{1}{2}$ ___ $1\frac{2}{11}$
52) $8\frac{4}{8}$ ___ $6\frac{1}{3}$
53) $7\frac{5}{12}$ ___ $2\frac{3}{10}$
54) $7\frac{4}{7}$ ___ $7\frac{2}{4}$
55) $7\frac{3}{6}$ ___ $7\frac{1}{2}$
56) $4\frac{1}{5}$ ___ $8\frac{7}{8}$
57) $9\frac{2}{7}$ ___ $8\frac{9}{12}$
58) $7\frac{1}{4}$ ___ $2\frac{1}{3}$
59) $7\frac{3}{6}$ ___ $6\frac{8}{10}$
60) $8\frac{3}{9}$ ___ $6\frac{4}{11}$
61) $1\frac{3}{6}$ ___ $6\frac{2}{3}$
62) $4\frac{6}{7}$ ___ $5\frac{3}{9}$
63) $5\frac{5}{8}$ ___ $1\frac{2}{5}$
64) $3\frac{3}{12}$ ___ $5\frac{8}{10}$
65) $4\frac{2}{4}$ ___ $5\frac{1}{2}$
66) $5\frac{1}{11}$ ___ $7\frac{3}{7}$
67) $2\frac{1}{2}$ ___ $8\frac{6}{11}$
68) $7\frac{4}{5}$ ___ $7\frac{4}{10}$
69) $2\frac{5}{12}$ ___ $3\frac{2}{8}$
70) $4\frac{6}{9}$ ___ $8\frac{5}{6}$
71) $3\frac{2}{3}$ ___ $7\frac{1}{4}$
72) $4\frac{2}{6}$ ___ $3\frac{6}{7}$
73) $3\frac{9}{10}$ ___ $9\frac{1}{4}$
74) $8\frac{1}{11}$ ___ $1\frac{6}{12}$
75) $9\frac{3}{5}$ ___ $8\frac{2}{8}$
76) $5\frac{7}{9}$ ___ $8\frac{2}{3}$
77) $7\frac{1}{2}$ ___ $9\frac{1}{2}$
78) $5\frac{2}{12}$ ___ $9\frac{8}{11}$
79) $9\frac{3}{6}$ ___ $8\frac{2}{3}$
80) $7\frac{3}{8}$ ___ $9\frac{3}{7}$

Name:_____ Class:_____ Date:____/____/_____

Division with Whole Numbers

Divide.

1) $7 \div \frac{8}{11} =$ _____
2) $8 \div \frac{1}{2} =$ _____
3) $1 \div \frac{7}{8} =$ _____
4) $5 \div \frac{9}{10} =$ _____
5) $2 \div \frac{3}{7} =$ _____
6) $2 \div \frac{6}{9} =$ _____
7) $1 \div \frac{2}{3} =$ _____
8) $7 \div \frac{1}{2} =$ _____
9) $4 \div \frac{4}{12} =$ _____
10) $2 \div \frac{9}{10} =$ _____
11) $4 \div \frac{1}{6} =$ _____
12) $8 \div \frac{1}{8} =$ _____
13) $8 \div \frac{1}{7} =$ _____
14) $7 \div \frac{5}{11} =$ _____
15) $5 \div \frac{1}{4} =$ _____
16) $2 \div \frac{3}{5} =$ _____
17) $3 \div \frac{4}{8} =$ _____
18) $4 \div \frac{3}{10} =$ _____
19) $9 \div \frac{1}{2} =$ _____
20) $1 \div \frac{2}{4} =$ _____
21) $8 \div \frac{4}{11} =$ _____
22) $9 \div \frac{6}{7} =$ _____
23) $3 \div \frac{3}{6} =$ _____
24) $9 \div \frac{2}{5} =$ _____
25) $4 \div \frac{1}{3} =$ _____
26) $7 \div \frac{7}{9} =$ _____
27) $7 \div \frac{2}{12} =$ _____
28) $6 \div \frac{3}{6} =$ _____
29) $8 \div \frac{7}{9} =$ _____
30) $2 \div \frac{1}{10} =$ _____
31) $2 \div \frac{1}{2} =$ _____
32) $2 \div \frac{7}{12} =$ _____
33) $4 \div \frac{2}{4} =$ _____
34) $4 \div \frac{2}{5} =$ _____
35) $8 \div \frac{6}{8} =$ _____
36) $3 \div \frac{4}{7} =$ _____
37) $1 \div \frac{1}{11} =$ _____
38) $2 \div \frac{10}{12} =$ _____
39) $7 \div \frac{1}{4} =$ _____
40) $1 \div \frac{4}{9} =$ _____
41) $1 \div \frac{3}{8} =$ _____
42) $3 \div \frac{4}{11} =$ _____
43) $8 \div \frac{1}{5} =$ _____
44) $9 \div \frac{2}{3} =$ _____
45) $4 \div \frac{2}{10} =$ _____
46) $4 \div \frac{1}{2} =$ _____
47) $4 \div \frac{6}{7} =$ _____
48) $9 \div \frac{5}{6} =$ _____
49) $7 \div \frac{4}{6} =$ _____
50) $2 \div \frac{2}{4} =$ _____
51) $8 \div \frac{4}{5} =$ _____
52) $3 \div \frac{2}{3} =$ _____
53) $6 \div \frac{1}{2} =$ _____
54) $1 \div \frac{5}{11} =$ _____
55) $4 \div \frac{7}{8} =$ _____
56) $1 \div \frac{9}{10} =$ _____
57) $9 \div \frac{5}{7} =$ _____
58) $9 \div \frac{1}{9} =$ _____
59) $8 \div \frac{10}{12} =$ _____
60) $7 \div \frac{2}{5} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Division with Whole Numbers

Divide.

1) $\frac{4}{5} \div 6 =$ ____
2) $\frac{6}{9} \div 3 =$ ____
3) $\frac{3}{6} \div 7 =$ ____
4) $\frac{4}{12} \div 6 =$ ____
5) $\frac{6}{8} \div 1 =$ ____

6) $\frac{2}{3} \div 9 =$ ____
7) $\frac{3}{10} \div 4 =$ ____
8) $\frac{1}{4} \div 5 =$ ____
9) $\frac{6}{11} \div 4 =$ ____
10) $\frac{5}{7} \div 3 =$ ____

11) $\frac{1}{2} \div 4 =$ ____
12) $\frac{5}{11} \div 8 =$ ____
13) $\frac{3}{10} \div 8 =$ ____
14) $\frac{1}{2} \div 7 =$ ____
15) $\frac{3}{8} \div 9 =$ ____

16) $\frac{4}{5} \div 3 =$ ____
17) $\frac{1}{7} \div 5 =$ ____
18) $\frac{7}{12} \div 1 =$ ____
19) $\frac{3}{6} \div 1 =$ ____
20) $\frac{3}{9} \div 2 =$ ____

21) $\frac{1}{3} \div 5 =$ ____
22) $\frac{1}{4} \div 4 =$ ____
23) $\frac{2}{10} \div 7 =$ ____
24) $\frac{4}{9} \div 2 =$ ____
25) $\frac{1}{2} \div 5 =$ ____

26) $\frac{1}{4} \div 1 =$ ____
27) $\frac{6}{7} \div 6 =$ ____
28) $\frac{4}{5} \div 8 =$ ____
29) $\frac{2}{3} \div 9 =$ ____
30) $\frac{4}{11} \div 7 =$ ____

31) $\frac{2}{12} \div 8 =$ ____
32) $\frac{4}{6} \div 4 =$ ____
33) $\frac{1}{8} \div 5 =$ ____
34) $\frac{2}{5} \div 4 =$ ____
35) $\frac{1}{2} \div 3 =$ ____

36) $\frac{3}{4} \div 2 =$ ____
37) $\frac{9}{10} \div 4 =$ ____
38) $\frac{1}{12} \div 2 =$ ____
39) $\frac{4}{8} \div 4 =$ ____
40) $\frac{2}{3} \div 7 =$ ____

41) $\frac{2}{7} \div 2 =$ ____
42) $\frac{8}{9} \div 1 =$ ____
43) $\frac{1}{6} \div 3 =$ ____
44) $\frac{6}{11} \div 2 =$ ____
45) $\frac{1}{5} \div 3 =$ ____

46) $\frac{3}{9} \div 6 =$ ____
47) $\frac{8}{11} \div 7 =$ ____
48) $\frac{1}{3} \div 5 =$ ____
49) $\frac{3}{4} \div 1 =$ ____
50) $\frac{1}{2} \div 8 =$ ____

51) $\frac{8}{10} \div 7 =$ ____
52) $\frac{5}{7} \div 2 =$ ____
53) $\frac{1}{12} \div 8 =$ ____
54) $\frac{4}{6} \div 7 =$ ____
55) $\frac{6}{8} \div 8 =$ ____

56) $\frac{2}{4} \div 4 =$ ____
57) $\frac{1}{12} \div 2 =$ ____
58) $\frac{5}{9} \div 3 =$ ____
59) $\frac{5}{11} \div 1 =$ ____
60) $\frac{2}{6} \div 4 =$ ____

61) $\frac{7}{8} \div 9 =$ ____
62) $\frac{4}{5} \div 1 =$ ____
63) $\frac{2}{3} \div 2 =$ ____
64) $\frac{1}{2} \div 3 =$ ____
65) $\frac{5}{7} \div 5 =$ ____

66) $\frac{7}{10} \div 1 =$ ____
67) $\frac{2}{11} \div 7 =$ ____
68) $\frac{2}{6} \div 9 =$ ____
69) $\frac{4}{12} \div 2 =$ ____
70) $\frac{1}{5} \div 1 =$ ____

71) $\frac{4}{7} \div 4 =$ ____
72) $\frac{3}{8} \div 7 =$ ____
73) $\frac{1}{3} \div 8 =$ ____
74) $\frac{2}{4} \div 2 =$ ____
75) $\frac{8}{9} \div 6 =$ ____

Name:_____ Class:_____ Date:____/____/_____

Division with Whole Numbers

Divide.

1) $5 \div \frac{1}{4} =$ _____
2) $5 \div \frac{5}{12} =$ _____
3) $1 \div \frac{1}{2} =$ _____
4) $\frac{10}{11} \div 6 =$ _____

5) $\frac{1}{5} \div 9 =$ _____
6) $\frac{2}{3} \div 6 =$ _____
7) $7 \div \frac{1}{6} =$ _____
8) $\frac{5}{12} \div 1 =$ _____

9) $8 \div \frac{3}{8} =$ _____
10) $2 \div \frac{2}{10} =$ _____
11) $2 \div \frac{8}{9} =$ _____
12) $\frac{6}{7} \div 2 =$ _____

13) $4 \div \frac{6}{11} =$ _____
14) $2 \div \frac{1}{2} =$ _____
15) $\frac{2}{4} \div 9 =$ _____
16) $9 \div \frac{1}{5} =$ _____

17) $7 \div \frac{5}{10} =$ _____
18) $6 \div \frac{7}{9} =$ _____
19) $\frac{3}{6} \div 4 =$ _____
20) $\frac{6}{8} \div 1 =$ _____

21) $4 \div \frac{1}{2} =$ _____
22) $7 \div \frac{2}{3} =$ _____
23) $\frac{8}{11} \div 5 =$ _____
24) $3 \div \frac{2}{7} =$ _____

25) $1 \div \frac{6}{12} =$ _____
26) $9 \div \frac{1}{4} =$ _____
27) $\frac{7}{9} \div 9 =$ _____
28) $1 \div \frac{6}{11} =$ _____

29) $\frac{6}{12} \div 9 =$ _____
30) $7 \div \frac{6}{8} =$ _____
31) $5 \div \frac{2}{5} =$ _____
32) $\frac{2}{3} \div 2 =$ _____

33) $6 \div \frac{3}{10} =$ _____
34) $7 \div \frac{3}{6} =$ _____
35) $2 \div \frac{2}{4} =$ _____
36) $5 \div \frac{3}{7} =$ _____

37) $\frac{4}{10} \div 9 =$ _____
38) $5 \div \frac{2}{3} =$ _____
39) $7 \div \frac{8}{11} =$ _____
40) $\frac{6}{9} \div 9 =$ _____

41) $\frac{7}{8} \div 2 =$ _____
42) $\frac{2}{6} \div 3 =$ _____
43) $\frac{1}{2} \div 8 =$ _____
44) $8 \div \frac{1}{4} =$ _____

45) $4 \div \frac{9}{12} =$ _____
46) $\frac{2}{7} \div 9 =$ _____
47) $9 \div \frac{4}{7} =$ _____
48) $9 \div \frac{2}{8} =$ _____

49) $7 \div \frac{1}{4} =$ _____
50) $\frac{7}{11} \div 9 =$ _____
51) $\frac{7}{9} \div 4 =$ _____
52) $\frac{11}{12} \div 5 =$ _____

53) $\frac{1}{5} \div 6 =$ _____
54) $\frac{1}{3} \div 5 =$ _____
55) $\frac{8}{10} \div 2 =$ _____
56) $6 \div \frac{1}{4} =$ _____

57) $6 \div \frac{2}{7} =$ _____
58) $\frac{3}{6} \div 3 =$ _____
59) $3 \div \frac{1}{2} =$ _____
60) $\frac{5}{10} \div 6 =$ _____

61) $4 \div \frac{4}{5} =$ _____
62) $\frac{3}{9} \div 2 =$ _____
63) $\frac{2}{11} \div 2 =$ _____
64) $6 \div \frac{6}{12} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Equivalent Fractions 1

Complete the equivalent fractions.

1) $\frac{\quad}{10} = \frac{16}{40}$ 2) $\frac{2}{9} = \frac{\quad}{36}$ 3) $\frac{\quad}{7} = \frac{8}{28}$ 4) $\frac{\quad}{3} = \frac{8}{12}$ 5) $\frac{\quad}{5} = \frac{6}{10}$ 6) $\frac{\quad}{12} = \frac{6}{36}$

7) $\frac{\quad}{2} = \frac{7}{14}$ 8) $\frac{5}{11} = \frac{\quad}{33}$ 9) $\frac{\quad}{8} = \frac{21}{24}$ 10) $\frac{\quad}{3} = \frac{9}{27}$ 11) $\frac{\quad}{4} = \frac{4}{16}$ 12) $\frac{\quad}{2} = \frac{10}{20}$

13) $\frac{4}{10} = \frac{\quad}{50}$ 14) $\frac{\quad}{7} = \frac{27}{63}$ 15) $\frac{\quad}{12} = \frac{42}{84}$ 16) $\frac{1}{5} = \frac{\quad}{15}$ 17) $\frac{2}{11} = \frac{\quad}{22}$ 18) $\frac{\quad}{6} = \frac{8}{48}$

19) $\frac{\quad}{8} = \frac{18}{24}$ 20) $\frac{\quad}{9} = \frac{18}{81}$ 21) $\frac{\quad}{6} = \frac{30}{36}$ 22) $\frac{1}{5} = \frac{\quad}{35}$ 23) $\frac{5}{10} = \frac{\quad}{40}$ 24) $\frac{8}{9} = \frac{\quad}{81}$

25) $\frac{2}{3} = \frac{\quad}{15}$ 26) $\frac{\quad}{11} = \frac{18}{22}$ 27) $\frac{\quad}{8} = \frac{24}{32}$ 28) $\frac{1}{2} = \frac{\quad}{4}$ 29) $\frac{\quad}{7} = \frac{42}{49}$ 30) $\frac{\quad}{12} = \frac{56}{84}$

31) $\frac{\quad}{4} = \frac{18}{24}$ 32) $\frac{\quad}{10} = \frac{12}{40}$ 33) $\frac{3}{4} = \frac{\quad}{32}$ 34) $\frac{1}{3} = \frac{\quad}{6}$ 35) $\frac{3}{8} = \frac{\quad}{24}$ 36) $\frac{\quad}{5} = \frac{28}{35}$

37) $\frac{1}{2} = \frac{\quad}{12}$ 38) $\frac{5}{6} = \frac{\quad}{54}$ 39) $\frac{\quad}{12} = \frac{40}{96}$ 40) $\frac{\quad}{11} = \frac{24}{44}$ 41) $\frac{\quad}{9} = \frac{16}{72}$ 42) $\frac{\quad}{7} = \frac{9}{63}$

43) $\frac{\quad}{6} = \frac{2}{12}$ 44) $\frac{\quad}{10} = \frac{6}{30}$ 45) $\frac{1}{4} = \frac{\quad}{32}$ 46) $\frac{\quad}{3} = \frac{12}{18}$ 47) $\frac{5}{7} = \frac{\quad}{56}$ 48) $\frac{7}{8} = \frac{\quad}{56}$

49) $\frac{\quad}{9} = \frac{32}{36}$ 50) $\frac{\quad}{11} = \frac{35}{55}$ 51) $\frac{4}{7} = \frac{\quad}{63}$ 52) $\frac{10}{11} = \frac{\quad}{33}$ 53) $\frac{8}{12} = \frac{\quad}{120}$ 54) $\frac{\quad}{9} = \frac{15}{45}$

55) $\frac{6}{8} = \frac{\quad}{80}$ 56) $\frac{\quad}{5} = \frac{20}{50}$ 57) $\frac{1}{10} = \frac{\quad}{70}$ 58) $\frac{3}{6} = \frac{\quad}{42}$ 59) $\frac{\quad}{3} = \frac{7}{21}$ 60) $\frac{\quad}{6} = \frac{20}{30}$

61) $\frac{\quad}{7} = \frac{10}{14}$ 62) $\frac{\quad}{5} = \frac{16}{20}$ 63) $\frac{\quad}{9} = \frac{12}{18}$ 64) $\frac{\quad}{12} = \frac{9}{36}$ 65) $\frac{3}{4} = \frac{\quad}{40}$ 66) $\frac{1}{3} = \frac{\quad}{30}$

67) $\frac{1}{3} = \frac{\quad}{9}$ 68) $\frac{3}{5} = \frac{\quad}{50}$ 69) $\frac{\quad}{9} = \frac{5}{45}$ 70) $\frac{\quad}{7} = \frac{35}{49}$ 71) $\frac{9}{10} = \frac{\quad}{50}$ 72) $\frac{4}{11} = \frac{\quad}{66}$

73) $\frac{\quad}{6} = \frac{16}{24}$ 74) $\frac{\quad}{12} = \frac{3}{36}$ 75) $\frac{\quad}{9} = \frac{10}{45}$ 76) $\frac{\quad}{6} = \frac{20}{60}$ 77) $\frac{5}{10} = \frac{\quad}{100}$ 78) $\frac{2}{7} = \frac{\quad}{42}$

79) $\frac{2}{8} = \frac{\quad}{56}$ 80) $\frac{9}{12} = \frac{\quad}{120}$ 81) $\frac{\quad}{2} = \frac{8}{16}$ 82) $\frac{\quad}{3} = \frac{4}{12}$ 83) $\frac{2}{11} = \frac{\quad}{33}$ 84) $\frac{\quad}{9} = \frac{24}{36}$

85) $\frac{\quad}{4} = \frac{15}{20}$ 86) $\frac{6}{12} = \frac{\quad}{96}$ 87) $\frac{2}{6} = \frac{\quad}{48}$ 88) $\frac{4}{5} = \frac{\quad}{50}$ 89) $\frac{\quad}{10} = \frac{48}{60}$ 90) $\frac{10}{11} = \frac{\quad}{55}$

91) $\frac{3}{4} = \frac{\quad}{8}$ 92) $\frac{\quad}{7} = \frac{50}{70}$ 93) $\frac{5}{8} = \frac{\quad}{64}$ 94) $\frac{\quad}{6} = \frac{12}{36}$ 95) $\frac{\quad}{5} = \frac{16}{40}$ 96) $\frac{5}{12} = \frac{\quad}{48}$

Name:_____ Class:_____ Date:____/____/_____

Equivalent Fractions 2

Complete the equivalent fractions.

1) $\frac{1}{2} = \frac{6}{_}$ 2) $\frac{3}{_} = \frac{24}{96}$ 3) $\frac{2}{_} = \frac{6}{9}$ 4) $\frac{1}{5} = \frac{3}{_}$ 5) $\frac{1}{11} = \frac{8}{_}$ 6) $\frac{1}{4} = \frac{5}{_}$

7) $\frac{5}{_} = \frac{50}{70}$ 8) $\frac{1}{8} = \frac{7}{_}$ 9) $\frac{6}{10} = \frac{42}{_}$ 10) $\frac{1}{_} = \frac{9}{54}$ 11) $\frac{6}{_} = \frac{12}{18}$ 12) $\frac{3}{_} = \frac{21}{56}$

13) $\frac{4}{7} = \frac{24}{_}$ 14) $\frac{3}{4} = \frac{9}{_}$ 15) $\frac{5}{_} = \frac{30}{72}$ 16) $\frac{4}{6} = \frac{12}{_}$ 17) $\frac{2}{_} = \frac{18}{45}$ 18) $\frac{6}{_} = \frac{24}{40}$

19) $\frac{2}{3} = \frac{8}{_}$ 20) $\frac{6}{_} = \frac{42}{63}$ 21) $\frac{8}{_} = \frac{16}{22}$ 22) $\frac{1}{_} = \frac{2}{10}$ 23) $\frac{2}{7} = \frac{12}{_}$ 24) $\frac{4}{8} = \frac{40}{_}$

25) $\frac{1}{_} = \frac{9}{18}$ 26) $\frac{8}{_} = \frac{64}{72}$ 27) $\frac{1}{3} = \frac{4}{_}$ 28) $\frac{8}{11} = \frac{80}{_}$ 29) $\frac{5}{_} = \frac{15}{18}$ 30) $\frac{3}{_} = \frac{27}{108}$

31) $\frac{4}{_} = \frac{24}{60}$ 32) $\frac{7}{12} = \frac{63}{_}$ 33) $\frac{5}{7} = \frac{15}{_}$ 34) $\frac{1}{3} = \frac{10}{_}$ 35) $\frac{4}{9} = \frac{8}{_}$ 36) $\frac{3}{6} = \frac{30}{_}$

37) $\frac{7}{10} = \frac{70}{_}$ 38) $\frac{1}{_} = \frac{8}{16}$ 39) $\frac{2}{_} = \frac{10}{25}$ 40) $\frac{7}{8} = \frac{14}{_}$ 41) $\frac{8}{_} = \frac{32}{44}$ 42) $\frac{1}{_} = \frac{3}{12}$

43) $\frac{2}{_} = \frac{12}{18}$ 44) $\frac{1}{_} = \frac{3}{24}$ 45) $\frac{1}{2} = \frac{7}{_}$ 46) $\frac{4}{9} = \frac{36}{_}$ 47) $\frac{7}{12} = \frac{49}{_}$ 48) $\frac{5}{_} = \frac{50}{110}$

49) $\frac{1}{6} = \frac{6}{_}$ 50) $\frac{6}{_} = \frac{24}{28}$ 51) $\frac{8}{10} = \frac{56}{_}$ 52) $\frac{2}{5} = \frac{20}{_}$ 53) $\frac{1}{4} = \frac{9}{_}$ 54) $\frac{1}{12} = \frac{5}{_}$

55) $\frac{2}{7} = \frac{16}{_}$ 56) $\frac{5}{_} = \frac{35}{56}$ 57) $\frac{5}{_} = \frac{20}{36}$ 58) $\frac{4}{_} = \frac{36}{99}$ 59) $\frac{3}{6} = \frac{12}{_}$ 60) $\frac{7}{_} = \frac{21}{30}$

61) $\frac{1}{2} = \frac{5}{_}$ 62) $\frac{2}{3} = \frac{14}{_}$ 63) $\frac{1}{_} = \frac{8}{32}$ 64) $\frac{2}{5} = \frac{8}{_}$ 65) $\frac{11}{_} = \frac{22}{24}$ 66) $\frac{1}{7} = \frac{7}{_}$

67) $\frac{2}{_} = \frac{20}{90}$ 68) $\frac{2}{8} = \frac{12}{_}$ 69) $\frac{3}{_} = \frac{9}{30}$ 70) $\frac{4}{6} = \frac{36}{_}$ 71) $\frac{2}{3} = \frac{18}{_}$ 72) $\frac{6}{_} = \frac{54}{99}$

73) $\frac{4}{5} = \frac{28}{_}$ 74) $\frac{6}{8} = \frac{54}{_}$ 75) $\frac{2}{5} = \frac{4}{_}$ 76) $\frac{5}{12} = \frac{45}{_}$ 77) $\frac{1}{2} = \frac{3}{_}$ 78) $\frac{3}{9} = \frac{12}{_}$

79) $\frac{2}{_} = \frac{6}{18}$ 80) $\frac{1}{_} = \frac{9}{90}$ 81) $\frac{5}{11} = \frac{20}{_}$ 82) $\frac{1}{4} = \frac{7}{_}$ 83) $\frac{5}{_} = \frac{40}{64}$ 84) $\frac{11}{12} = \frac{88}{_}$

85) $\frac{4}{11} = \frac{8}{_}$ 86) $\frac{3}{_} = \frac{18}{24}$ 87) $\frac{1}{3} = \frac{8}{_}$ 88) $\frac{9}{_} = \frac{72}{80}$ 89) $\frac{1}{_} = \frac{6}{30}$ 90) $\frac{4}{_} = \frac{16}{36}$

91) $\frac{1}{_} = \frac{2}{16}$ 92) $\frac{4}{5} = \frac{8}{_}$ 93) $\frac{3}{_} = \frac{27}{99}$ 94) $\frac{1}{3} = \frac{2}{_}$ 95) $\frac{3}{_} = \frac{21}{49}$ 96) $\frac{5}{6} = \frac{50}{_}$

Name:_____ Class:_____ Date:____/____/_____

Equivalent Fractions 3

Complete the equivalent fractions.

1) $\frac{\quad}{11} = \frac{20}{22}$ 2) $\frac{1}{6} = \frac{\quad}{12}$ 3) $\frac{3}{5} = \frac{9}{\quad}$ 4) $\frac{1}{4} = \frac{9}{\quad}$ 5) $\frac{6}{8} = \frac{60}{\quad}$ 6) $\frac{\quad}{12} = \frac{77}{84}$

7) $\frac{\quad}{3} = \frac{9}{27}$ 8) $\frac{5}{7} = \frac{\quad}{49}$ 9) $\frac{\quad}{2} = \frac{4}{8}$ 10) $\frac{\quad}{8} = \frac{16}{32}$ 11) $\frac{\quad}{11} = \frac{81}{99}$ 12) $\frac{2}{4} = \frac{16}{\quad}$

13) $\frac{1}{\quad} = \frac{8}{72}$ 14) $\frac{3}{12} = \frac{15}{\quad}$ 15) $\frac{5}{\quad} = \frac{15}{18}$ 16) $\frac{2}{5} = \frac{18}{\quad}$ 17) $\frac{4}{\quad} = \frac{20}{50}$ 18) $\frac{\quad}{7} = \frac{50}{70}$

19) $\frac{1}{2} = \frac{2}{\quad}$ 20) $\frac{3}{4} = \frac{\quad}{16}$ 21) $\frac{7}{10} = \frac{\quad}{90}$ 22) $\frac{2}{3} = \frac{12}{\quad}$ 23) $\frac{8}{\quad} = \frac{64}{96}$ 24) $\frac{5}{\quad} = \frac{45}{54}$

25) $\frac{5}{9} = \frac{\quad}{81}$ 26) $\frac{3}{\quad} = \frac{24}{64}$ 27) $\frac{3}{5} = \frac{\quad}{35}$ 28) $\frac{2}{\quad} = \frac{4}{22}$ 29) $\frac{7}{11} = \frac{\quad}{88}$ 30) $\frac{9}{12} = \frac{\quad}{96}$

31) $\frac{2}{3} = \frac{4}{\quad}$ 32) $\frac{4}{5} = \frac{\quad}{15}$ 33) $\frac{5}{6} = \frac{35}{\quad}$ 34) $\frac{3}{10} = \frac{9}{\quad}$ 35) $\frac{9}{\quad} = \frac{72}{88}$ 36) $\frac{5}{9} = \frac{\quad}{90}$

37) $\frac{5}{7} = \frac{40}{\quad}$ 38) $\frac{1}{\quad} = \frac{9}{18}$ 39) $\frac{2}{8} = \frac{20}{\quad}$ 40) $\frac{1}{\quad} = \frac{5}{15}$ 41) $\frac{2}{\quad} = \frac{8}{40}$ 42) $\frac{6}{12} = \frac{24}{\quad}$

43) $\frac{\quad}{5} = \frac{24}{40}$ 44) $\frac{3}{7} = \frac{15}{\quad}$ 45) $\frac{\quad}{6} = \frac{16}{24}$ 46) $\frac{6}{\quad} = \frac{36}{54}$ 47) $\frac{5}{11} = \frac{20}{\quad}$ 48) $\frac{1}{\quad} = \frac{10}{20}$

49) $\frac{2}{4} = \frac{12}{\quad}$ 50) $\frac{1}{\quad} = \frac{2}{14}$ 51) $\frac{2}{3} = \frac{14}{\quad}$ 52) $\frac{4}{11} = \frac{\quad}{55}$ 53) $\frac{4}{6} = \frac{20}{\quad}$ 54) $\frac{\quad}{5} = \frac{20}{50}$

55) $\frac{\quad}{8} = \frac{9}{24}$ 56) $\frac{\quad}{12} = \frac{40}{120}$ 57) $\frac{1}{10} = \frac{\quad}{80}$ 58) $\frac{1}{5} = \frac{10}{\quad}$ 59) $\frac{\quad}{12} = \frac{24}{72}$ 60) $\frac{9}{11} = \frac{36}{\quad}$

61) $\frac{1}{\quad} = \frac{7}{63}$ 62) $\frac{4}{\quad} = \frac{12}{21}$ 63) $\frac{7}{10} = \frac{42}{\quad}$ 64) $\frac{3}{6} = \frac{9}{\quad}$ 65) $\frac{3}{\quad} = \frac{15}{20}$ 66) $\frac{7}{\quad} = \frac{70}{80}$

67) $\frac{2}{3} = \frac{16}{\quad}$ 68) $\frac{1}{2} = \frac{\quad}{6}$ 69) $\frac{2}{\quad} = \frac{4}{10}$ 70) $\frac{2}{4} = \frac{18}{\quad}$ 71) $\frac{4}{\quad} = \frac{28}{56}$ 72) $\frac{4}{9} = \frac{\quad}{27}$

73) $\frac{\quad}{10} = \frac{10}{100}$ 74) $\frac{\quad}{3} = \frac{6}{18}$ 75) $\frac{2}{\quad} = \frac{20}{60}$ 76) $\frac{1}{2} = \frac{6}{\quad}$ 77) $\frac{10}{11} = \frac{\quad}{33}$ 78) $\frac{8}{\quad} = \frac{72}{108}$

79) $\frac{3}{7} = \frac{\quad}{70}$ 80) $\frac{4}{\quad} = \frac{32}{80}$ 81) $\frac{\quad}{9} = \frac{10}{45}$ 82) $\frac{2}{4} = \frac{4}{\quad}$ 83) $\frac{\quad}{6} = \frac{6}{18}$ 84) $\frac{4}{5} = \frac{32}{\quad}$

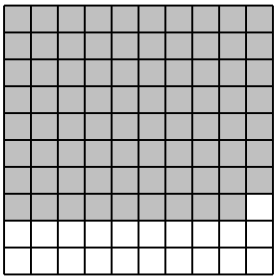
85) $\frac{9}{11} = \frac{\quad}{66}$ 86) $\frac{2}{8} = \frac{\quad}{64}$ 87) $\frac{\quad}{12} = \frac{20}{24}$ 88) $\frac{1}{6} = \frac{\quad}{30}$ 89) $\frac{\quad}{12} = \frac{24}{96}$ 90) $\frac{4}{5} = \frac{36}{\quad}$

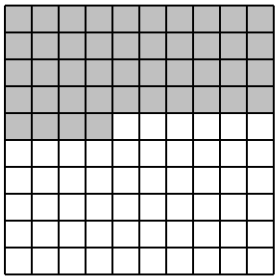
91) $\frac{1}{3} = \frac{\quad}{30}$ 92) $\frac{4}{10} = \frac{36}{\quad}$ 93) $\frac{5}{7} = \frac{15}{\quad}$ 94) $\frac{\quad}{6} = \frac{18}{54}$ 95) $\frac{1}{\quad} = \frac{8}{88}$ 96) $\frac{7}{12} = \frac{42}{\quad}$

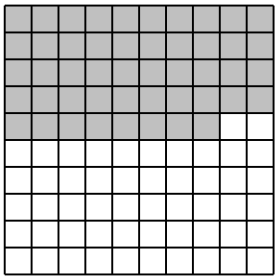
Name:_____ Class:_____ Date:____/____/_____

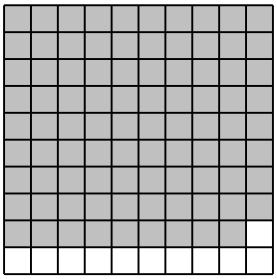
Fraction Identification - Grids

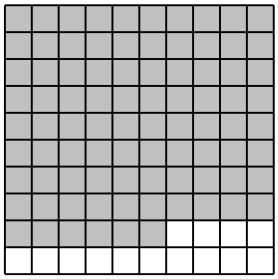
What fraction is coloured?

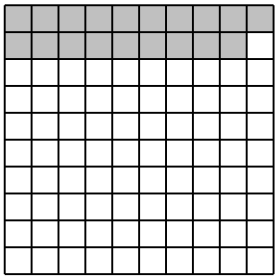
1)  = ____

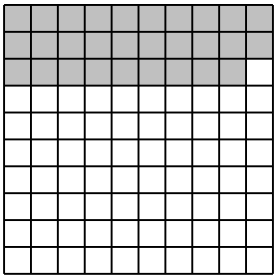
2)  = ____

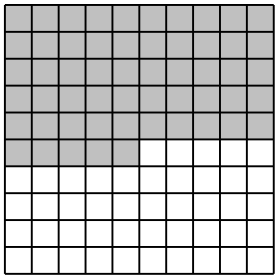
3)  = ____

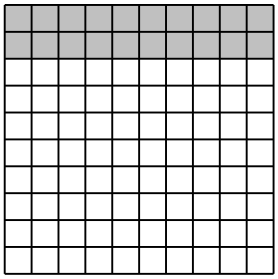
4)  = ____

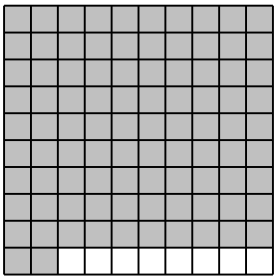
5)  = ____

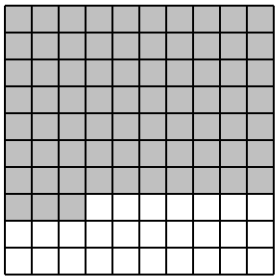
6)  = ____

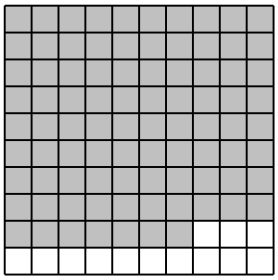
7)  = ____

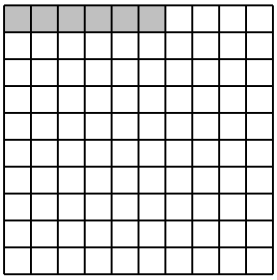
8)  = ____

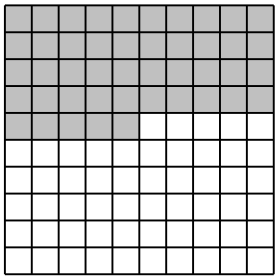
9)  = ____

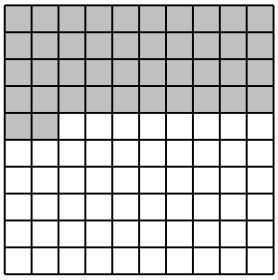
10)  = ____

11)  = ____

12)  = ____

13)  = ____

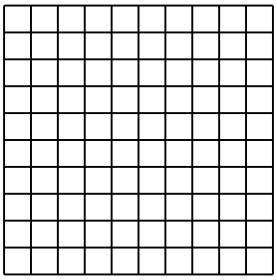
14)  = ____

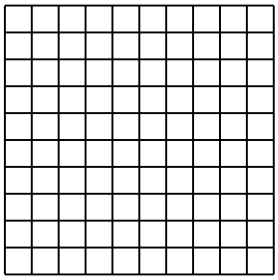
15)  = ____

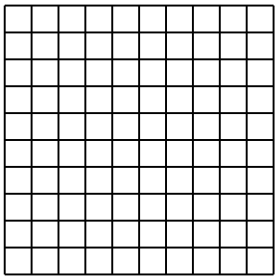
Name:_____ Class:_____ Date:____/____/_____

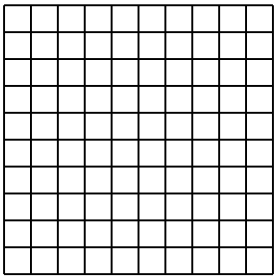
Fraction Identification - Grids

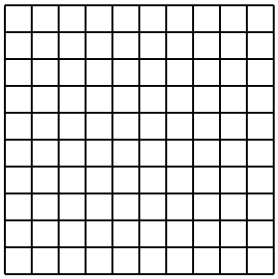
Colour the fraction.

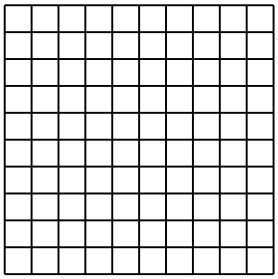
1)  = $\frac{13}{25}$

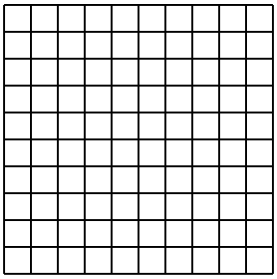
2)  = $\frac{49}{50}$

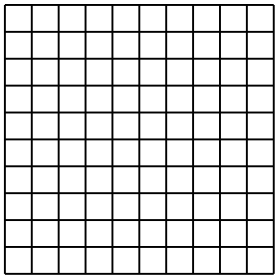
3)  = $\frac{37}{100}$

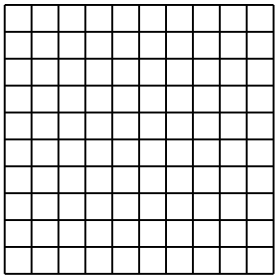
4)  = $\frac{53}{100}$

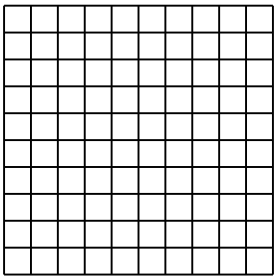
5)  = $\frac{11}{100}$

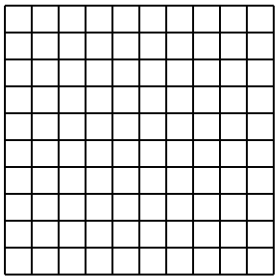
6)  = $\frac{61}{100}$

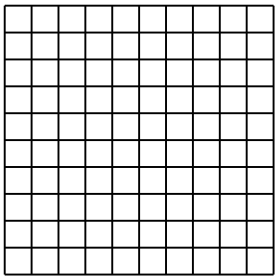
7)  = $\frac{21}{100}$

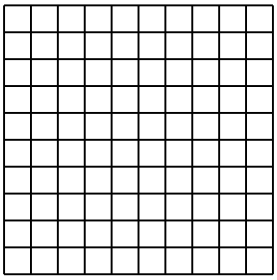
8)  = $\frac{4}{5}$

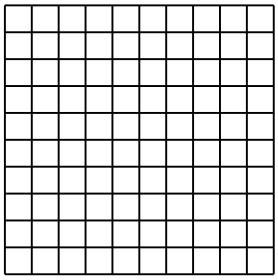
9)  = $\frac{41}{100}$

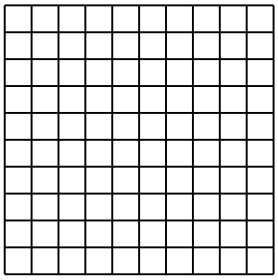
10)  = $\frac{17}{100}$

11)  = $\frac{1}{5}$

12)  = $\frac{3}{20}$

13)  = $\frac{89}{100}$

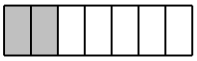
14)  = $\frac{51}{100}$

15)  = $\frac{79}{100}$

Name:_____ Class:_____ Date:____/____/_____

Fraction Identification - Rectangles

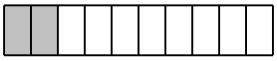
Identify the fraction.

1)  = _____

2) = _____

3) = _____

4) = _____

5)  = _____

6) = _____

7) = _____

8) = _____

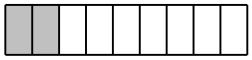
9) = _____

10) = _____

11) = _____

12) = _____

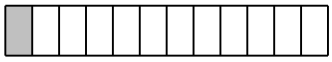
13) = _____

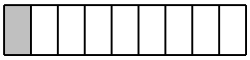
14)  = _____

15) = _____

16) = _____

17) = _____

18)  = _____

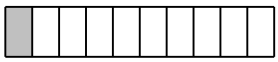
19)  = _____

20) = _____

21) = _____

22) = _____

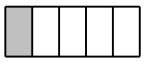
23) = _____

24)  = _____

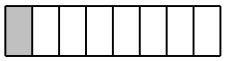
25) = _____

26) = _____

27) = _____

28)  = _____

29) = _____

30)  = _____

Name:_____ Class:_____ Date:____/____/_____

Fraction Identification - Rectangles

Colour the fraction.

1) $\frac{6}{12}$ = ☐☐☐☐☐☐☐☐☐☐☐☐

2) $\frac{6}{8}$ = ☐☐☐☐☐☐☐☐

3) $\frac{1}{3}$ = ☐☐☐

4) $\frac{5}{9}$ = ☐☐☐☐☐☐☐☐☐

5) $\frac{3}{6}$ = ☐☐☐☐☐☐

6) $\frac{9}{10}$ = ☐☐☐☐☐☐☐☐☐☐

7) $\frac{5}{7}$ = ☐☐☐☐☐☐☐

8) $\frac{1}{2}$ = ☐☐

9) $\frac{3}{5}$ = ☐☐☐☐☐

10) $\frac{2}{5}$ = ☐☐☐☐☐

11) $\frac{2}{3}$ = ☐☐☐

12) $\frac{8}{12}$ = ☐☐☐☐☐☐☐☐☐☐☐☐

13) $\frac{1}{6}$ = ☐☐☐☐☐☐

14) $\frac{1}{4}$ = ☐☐☐☐

15) $\frac{7}{9}$ = ☐☐☐☐☐☐☐☐☐

16) $\frac{3}{7}$ = ☐☐☐☐☐☐☐

17) $\frac{4}{10}$ = ☐☐☐☐☐☐☐☐☐☐

18) $\frac{5}{10}$ = ☐☐☐☐☐☐☐☐☐☐

19) $\frac{1}{9}$ = ☐☐☐☐☐☐☐☐☐

20) $\frac{2}{4}$ = ☐☐☐☐

21) $\frac{4}{6}$ = ☐☐☐☐☐☐

22) $\frac{5}{12}$ = ☐☐☐☐☐☐☐☐☐☐☐☐

23) $\frac{3}{8}$ = ☐☐☐☐☐☐☐☐

24) $\frac{2}{7}$ = ☐☐☐☐☐☐☐

25) $\frac{7}{10}$ = ☐☐☐☐☐☐☐☐☐☐

26) $\frac{10}{12}$ = ☐☐☐☐☐☐☐☐☐☐☐☐

27) $\frac{4}{9}$ = ☐☐☐☐☐☐☐☐☐

28) $\frac{3}{4}$ = ☐☐☐☐

29) $\frac{1}{5}$ = ☐☐☐☐☐

30) $\frac{7}{12}$ = ☐☐☐☐☐☐☐☐☐☐☐☐

Name:_____ Class:_____ Date:____/____/_____

Fractions Addition 1

Find the sum.

1) $\frac{1}{12} + \frac{5}{12} =$ _____
2) $\frac{3}{4} + \frac{1}{4} =$ _____
3) $\frac{9}{11} + \frac{3}{11} =$ _____
4) $\frac{3}{8} + \frac{5}{8} =$ _____

5) $\frac{1}{12} + \frac{1}{12} =$ _____
6) $\frac{5}{9} + \frac{2}{9} =$ _____
7) $\frac{3}{5} + \frac{4}{5} =$ _____
8) $\frac{1}{2} + \frac{1}{2} =$ _____

9) $\frac{1}{6} + \frac{1}{6} =$ _____
10) $\frac{4}{7} + \frac{5}{7} =$ _____
11) $\frac{1}{3} + \frac{2}{3} =$ _____
12) $\frac{7}{10} + \frac{7}{10} =$ _____

13) $\frac{1}{4} + \frac{3}{4} =$ _____
14) $\frac{3}{10} + \frac{1}{10} =$ _____
15) $\frac{5}{9} + \frac{5}{9} =$ _____
16) $\frac{5}{7} + \frac{6}{7} =$ _____

17) $\frac{6}{11} + \frac{7}{11} =$ _____
18) $\frac{1}{12} + \frac{7}{12} =$ _____
19) $\frac{3}{8} + \frac{1}{8} =$ _____
20) $\frac{1}{5} + \frac{4}{5} =$ _____

21) $\frac{2}{5} + \frac{2}{5} =$ _____
22) $\frac{1}{3} + \frac{1}{3} =$ _____
23) $\frac{9}{11} + \frac{2}{11} =$ _____
24) $\frac{5}{8} + \frac{7}{8} =$ _____

25) $\frac{7}{9} + \frac{4}{9} =$ _____
26) $\frac{4}{7} + \frac{4}{7} =$ _____
27) $\frac{3}{10} + \frac{3}{10} =$ _____
28) $\frac{5}{12} + \frac{7}{12} =$ _____

29) $\frac{3}{5} + \frac{3}{5} =$ _____
30) $\frac{1}{8} + \frac{1}{8} =$ _____
31) $\frac{7}{9} + \frac{5}{9} =$ _____
32) $\frac{1}{11} + \frac{4}{11} =$ _____

33) $\frac{5}{7} + \frac{4}{7} =$ _____
34) $\frac{1}{8} + \frac{5}{8} =$ _____
35) $\frac{7}{9} + \frac{8}{9} =$ _____
36) $\frac{1}{4} + \frac{1}{4} =$ _____

37) $\frac{9}{10} + \frac{1}{10} =$ _____
38) $\frac{1}{6} + \frac{5}{6} =$ _____
39) $\frac{2}{3} + \frac{1}{3} =$ _____
40) $\frac{7}{11} + \frac{3}{11} =$ _____

41) $\frac{1}{8} + \frac{7}{8} =$ _____
42) $\frac{3}{10} + \frac{7}{10} =$ _____
43) $\frac{1}{9} + \frac{8}{9} =$ _____
44) $\frac{5}{12} + \frac{5}{12} =$ _____

45) $\frac{1}{11} + \frac{6}{11} =$ _____
46) $\frac{1}{7} + \frac{2}{7} =$ _____
47) $\frac{5}{11} + \frac{1}{11} =$ _____
48) $\frac{4}{5} + \frac{3}{5} =$ _____

49) $\frac{7}{12} + \frac{11}{12} =$ _____
50) $\frac{3}{8} + \frac{7}{8} =$ _____
51) $\frac{1}{9} + \frac{5}{9} =$ _____
52) $\frac{1}{10} + \frac{7}{10} =$ _____

53) $\frac{5}{8} + \frac{5}{8} =$ _____
54) $\frac{6}{11} + \frac{9}{11} =$ _____
55) $\frac{5}{6} + \frac{1}{6} =$ _____
56) $\frac{11}{12} + \frac{7}{12} =$ _____

57) $\frac{2}{9} + \frac{2}{9} =$ _____
58) $\frac{6}{7} + \frac{2}{7} =$ _____
59) $\frac{1}{5} + \frac{1}{5} =$ _____
60) $\frac{4}{9} + \frac{8}{9} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Addition 2

Find the sum.

1) $\frac{5}{12} + \frac{9}{10} =$ _____
2) $\frac{1}{6} + \frac{3}{10} =$ _____
3) $\frac{1}{2} + \frac{7}{12} =$ _____
4) $\frac{8}{11} + \frac{1}{6} =$ _____

5) $\frac{3}{4} + \frac{1}{3} =$ _____
6) $\frac{2}{3} + \frac{3}{4} =$ _____
7) $\frac{3}{8} + \frac{2}{5} =$ _____
8) $\frac{1}{2} + \frac{5}{8} =$ _____

9) $\frac{7}{10} + \frac{5}{6} =$ _____
10) $\frac{2}{3} + \frac{2}{9} =$ _____
11) $\frac{1}{4} + \frac{7}{12} =$ _____
12) $\frac{1}{12} + \frac{1}{2} =$ _____

13) $\frac{3}{4} + \frac{3}{8} =$ _____
14) $\frac{2}{3} + \frac{1}{4} =$ _____
15) $\frac{3}{5} + \frac{4}{5} =$ _____
16) $\frac{1}{8} + \frac{1}{2} =$ _____

17) $\frac{2}{7} + \frac{9}{10} =$ _____
18) $\frac{5}{6} + \frac{6}{7} =$ _____
19) $\frac{3}{4} + \frac{5}{6} =$ _____
20) $\frac{3}{11} + \frac{2}{11} =$ _____

21) $\frac{3}{8} + \frac{1}{8} =$ _____
22) $\frac{1}{2} + \frac{3}{10} =$ _____
23) $\frac{5}{7} + \frac{1}{6} =$ _____
24) $\frac{1}{6} + \frac{2}{5} =$ _____

25) $\frac{1}{9} + \frac{2}{7} =$ _____
26) $\frac{1}{3} + \frac{1}{2} =$ _____
27) $\frac{1}{10} + \frac{5}{8} =$ _____
28) $\frac{11}{12} + \frac{3}{7} =$ _____

29) $\frac{2}{3} + \frac{4}{5} =$ _____
30) $\frac{1}{7} + \frac{1}{3} =$ _____
31) $\frac{1}{9} + \frac{7}{10} =$ _____
32) $\frac{5}{6} + \frac{10}{11} =$ _____

33) $\frac{5}{12} + \frac{3}{8} =$ _____
34) $\frac{1}{2} + \frac{1}{5} =$ _____
35) $\frac{3}{4} + \frac{2}{3} =$ _____
36) $\frac{5}{7} + \frac{3}{7} =$ _____

37) $\frac{2}{3} + \frac{1}{11} =$ _____
38) $\frac{1}{12} + \frac{3}{8} =$ _____
39) $\frac{2}{9} + \frac{1}{6} =$ _____
40) $\frac{4}{9} + \frac{1}{4} =$ _____

41) $\frac{7}{10} + \frac{11}{12} =$ _____
42) $\frac{6}{11} + \frac{2}{11} =$ _____
43) $\frac{5}{7} + \frac{1}{5} =$ _____
44) $\frac{1}{2} + \frac{1}{4} =$ _____

45) $\frac{4}{11} + \frac{3}{10} =$ _____
46) $\frac{3}{4} + \frac{4}{7} =$ _____
47) $\frac{1}{6} + \frac{1}{8} =$ _____
48) $\frac{8}{9} + \frac{3}{10} =$ _____

49) $\frac{1}{5} + \frac{1}{2} =$ _____
50) $\frac{5}{11} + \frac{2}{11} =$ _____
51) $\frac{4}{7} + \frac{5}{6} =$ _____
52) $\frac{3}{10} + \frac{1}{8} =$ _____

53) $\frac{7}{12} + \frac{2}{5} =$ _____
54) $\frac{1}{2} + \frac{1}{12} =$ _____
55) $\frac{1}{5} + \frac{4}{5} =$ _____
56) $\frac{2}{3} + \frac{5}{8} =$ _____

57) $\frac{1}{11} + \frac{5}{7} =$ _____
58) $\frac{1}{6} + \frac{1}{6} =$ _____
59) $\frac{4}{7} + \frac{3}{11} =$ _____
60) $\frac{2}{7} + \frac{1}{2} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions and Decimals 1

Convert to a decimal. 3 decimal places.

1) $\frac{1}{2}$ = _____ 2) $\frac{9}{10}$ = _____ 3) $\frac{17}{100}$ = _____ 4) $\frac{5}{12}$ = _____ 5) $\frac{22}{25}$ = _____

6) $\frac{4}{7}$ = _____ 7) $\frac{6}{12}$ = _____ 8) $\frac{6}{11}$ = _____ 9) $\frac{14}{50}$ = _____ 10) $\frac{4}{6}$ = _____

11) $\frac{3}{9}$ = _____ 12) $\frac{30}{100}$ = _____ 13) $\frac{7}{8}$ = _____ 14) $\frac{4}{5}$ = _____ 15) $\frac{6}{10}$ = _____

16) $\frac{3}{4}$ = _____ 17) $\frac{19}{20}$ = _____ 18) $\frac{1}{3}$ = _____ 19) $\frac{3}{50}$ = _____ 20) $\frac{13}{100}$ = _____

21) $\frac{11}{12}$ = _____ 22) $\frac{10}{25}$ = _____ 23) $\frac{7}{10}$ = _____ 24) $\frac{3}{20}$ = _____ 25) $\frac{1}{5}$ = _____

26) $\frac{1}{6}$ = _____ 27) $\frac{6}{8}$ = _____ 28) $\frac{1}{4}$ = _____ 29) $\frac{5}{11}$ = _____ 30) $\frac{2}{3}$ = _____

31) $\frac{6}{7}$ = _____ 32) $\frac{2}{4}$ = _____ 33) $\frac{8}{12}$ = _____ 34) $\frac{6}{9}$ = _____ 35) $\frac{20}{25}$ = _____

36) $\frac{1}{8}$ = _____ 37) $\frac{14}{20}$ = _____ 38) $\frac{2}{6}$ = _____ 39) $\frac{51}{100}$ = _____ 40) $\frac{12}{50}$ = _____

41) $\frac{3}{5}$ = _____ 42) $\frac{5}{7}$ = _____ 43) $\frac{2}{8}$ = _____ 44) $\frac{3}{6}$ = _____ 45) $\frac{2}{11}$ = _____

46) $\frac{50}{100}$ = _____ 47) $\frac{5}{9}$ = _____ 48) $\frac{5}{10}$ = _____ 49) $\frac{29}{50}$ = _____ 50) $\frac{11}{25}$ = _____

51) $\frac{44}{100}$ = _____ 52) $\frac{40}{50}$ = _____ 53) $\frac{8}{10}$ = _____ 54) $\frac{18}{20}$ = _____ 55) $\frac{1}{7}$ = _____

56) $\frac{1}{11}$ = _____ 57) $\frac{9}{12}$ = _____ 58) $\frac{17}{25}$ = _____ 59) $\frac{7}{20}$ = _____ 60) $\frac{5}{8}$ = _____

61) $\frac{8}{9}$ = _____ 62) $\frac{4}{12}$ = _____ 63) $\frac{75}{100}$ = _____ 64) $\frac{48}{50}$ = _____ 65) $\frac{23}{100}$ = _____

66) $\frac{4}{50}$ = _____ 67) $\frac{2}{5}$ = _____ 68) $\frac{6}{20}$ = _____ 69) $\frac{12}{25}$ = _____ 70) $\frac{8}{11}$ = _____

71) $\frac{8}{50}$ = _____ 72) $\frac{7}{12}$ = _____ 73) $\frac{12}{20}$ = _____ 74) $\frac{31}{100}$ = _____ 75) $\frac{1}{10}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Fractions and Decimals 2

Convert to a fraction.

1) 0.5 = ____ 2) 0.1 = ____ 3) 0.25 = ____ 4) 0.286 = ____ 5) 0.667 = ____

6) 0.36 = ____ 7) 0.667 = ____ 8) 0.92 = ____ 9) 0.5 = ____ 10) 0.71 = ____

11) 0.917 = ____ 12) 0.2 = ____ 13) 0.273 = ____ 14) 0.1 = ____ 15) 0.25 = ____

16) 0.85 = ____ 17) 0.64 = ____ 18) 0.4 = ____ 19) 0.5 = ____ 20) 0.8 = ____

21) 0.333 = ____ 22) 0.64 = ____ 23) 0.818 = ____ 24) 0.75 = ____ 25) 0.333 = ____

26) 0.24 = ____ 27) 0.083 = ____ 28) 0.76 = ____ 29) 0.9 = ____ 30) 0.667 = ____

31) 0.26 = ____ 32) 0.909 = ____ 33) 0.06 = ____ 34) 0.333 = ____ 35) 0.889 = ____

36) 0.571 = ____ 37) 0.7 = ____ 38) 0.429 = ____ 39) 0.375 = ____ 40) 0.15 = ____

41) 0.167 = ____ 42) 0.9 = ____ 43) 0.32 = ____ 44) 0.545 = ____ 45) 0.72 = ____

46) 0.583 = ____ 47) 0.47 = ____ 48) 0.6 = ____ 49) 0.714 = ____ 50) 0.167 = ____

51) 0.625 = ____ 52) 0.364 = ____ 53) 0.833 = ____ 54) 0.53 = ____ 55) 0.4 = ____

56) 0.875 = ____ 57) 0.111 = ____ 58) 0.13 = ____ 59) 0.68 = ____ 60) 0.7 = ____

61) 0.36 = ____ 62) 0.75 = ____ 63) 0.3 = ____ 64) 0.5 = ____ 65) 0.66 = ____

66) 0.6 = ____ 67) 0.2 = ____ 68) 0.54 = ____ 69) 0.4 = ____ 70) 0.222 = ____

71) 0.5 = ____ 72) 0.59 = ____ 73) 0.04 = ____ 74) 0.82 = ____ 75) 0.857 = ____

Name:_____ Class:_____ Date:____/____/_____

Fractions and Decimals 3

Convert to a fraction or a decimal. 3 decimal places.

1) 0.556 = ____ 2) 0.714 = ____ 3) $\frac{1}{5}$ = _____ 4) $\frac{1}{2}$ = _____ 5) 0.083 = ____

6) 0.333 = ____ 7) $\frac{1}{6}$ = _____ 8) 0.9 = _____ 9) $\frac{8}{20}$ = _____ 10) $\frac{3}{4}$ = _____

11) 0.75 = ____ 12) $\frac{6}{25}$ = _____ 13) 0.17 = ____ 14) $\frac{15}{50}$ = _____ 15) $\frac{3}{11}$ = _____

16) 0.111 = ____ 17) 0.3 = _____ 18) $\frac{2}{11}$ = _____ 19) 0.4 = _____ 20) 0.5 = _____

21) 0.875 = ____ 22) $\frac{2}{7}$ = _____ 23) $\frac{2}{5}$ = _____ 24) 0.04 = ____ 25) 0.4 = _____

26) 0.667 = ____ 27) $\frac{17}{20}$ = _____ 28) 0.333 = ____ 29) $\frac{76}{100}$ = _____ 30) 0.6 = _____

31) 0.6 = _____ 32) 0.125 = ____ 33) $\frac{18}{50}$ = _____ 34) $\frac{13}{20}$ = _____ 35) 0.96 = ____

36) $\frac{6}{12}$ = _____ 37) 0.222 = ____ 38) $\frac{9}{11}$ = _____ 39) 0.25 = ____ 40) 0.778 = ____

41) $\frac{5}{11}$ = _____ 42) 0.84 = ____ 43) 0.667 = ____ 44) $\frac{35}{100}$ = _____ 45) $\frac{2}{6}$ = _____

46) 0.143 = ____ 47) $\frac{3}{10}$ = _____ 48) $\frac{28}{50}$ = _____ 49) 0.88 = ____ 50) 0.583 = ____

51) 0.28 = ____ 52) $\frac{15}{20}$ = _____ 53) 0.636 = ____ 54) 0.46 = ____ 55) 0.5 = _____

56) $\frac{39}{50}$ = _____ 57) 0.05 = ____ 58) $\frac{3}{9}$ = _____ 59) $\frac{5}{8}$ = _____ 60) 0.364 = ____

61) $\frac{6}{7}$ = _____ 62) $\frac{93}{100}$ = _____ 63) 0.72 = ____ 64) $\frac{8}{100}$ = _____ 65) 0.6 = _____

66) 0.429 = ____ 67) $\frac{4}{7}$ = _____ 68) $\frac{5}{20}$ = _____ 69) 0.1 = _____ 70) $\frac{17}{50}$ = _____

71) $\frac{2}{25}$ = _____ 72) $\frac{10}{12}$ = _____ 73) 0.545 = ____ 74) 0.833 = ____ 75) 0.8 = _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Division Common Denominators

Find the quotient.

1) $\frac{2}{7} \div \frac{6}{7} =$ _____
2) $\frac{2}{11} \div \frac{6}{11} =$ _____
3) $\frac{1}{8} \div \frac{5}{8} =$ _____
4) $\frac{1}{3} \div \frac{1}{3} =$ _____

5) $\frac{2}{9} \div \frac{8}{9} =$ _____
6) $\frac{1}{5} \div \frac{3}{5} =$ _____
7) $\frac{1}{2} \div \frac{1}{2} =$ _____
8) $\frac{5}{12} \div \frac{9}{12} =$ _____

9) $\frac{1}{4} \div \frac{2}{4} =$ _____
10) $\frac{3}{12} \div \frac{6}{12} =$ _____
11) $\frac{6}{7} \div \frac{3}{7} =$ _____
12) $\frac{6}{11} \div \frac{6}{11} =$ _____

13) $\frac{2}{3} \div \frac{1}{3} =$ _____
14) $\frac{2}{5} \div \frac{3}{5} =$ _____
15) $\frac{2}{6} \div \frac{3}{6} =$ _____
16) $\frac{5}{10} \div \frac{5}{10} =$ _____

17) $\frac{1}{9} \div \frac{1}{9} =$ _____
18) $\frac{5}{8} \div \frac{7}{8} =$ _____
19) $\frac{1}{4} \div \frac{3}{4} =$ _____
20) $\frac{2}{12} \div \frac{6}{12} =$ _____

21) $\frac{2}{8} \div \frac{5}{8} =$ _____
22) $\frac{1}{7} \div \frac{1}{7} =$ _____
23) $\frac{8}{9} \div \frac{7}{9} =$ _____
24) $\frac{3}{11} \div \frac{5}{11} =$ _____

25) $\frac{3}{6} \div \frac{4}{6} =$ _____
26) $\frac{6}{10} \div \frac{7}{10} =$ _____
27) $\frac{4}{5} \div \frac{4}{5} =$ _____
28) $\frac{2}{3} \div \frac{2}{3} =$ _____

29) $\frac{5}{11} \div \frac{8}{11} =$ _____
30) $\frac{8}{12} \div \frac{10}{12} =$ _____
31) $\frac{3}{6} \div \frac{1}{6} =$ _____
32) $\frac{1}{4} \div \frac{1}{4} =$ _____

33) $\frac{4}{10} \div \frac{4}{10} =$ _____
34) $\frac{5}{9} \div \frac{4}{9} =$ _____
35) $\frac{3}{8} \div \frac{6}{8} =$ _____
36) $\frac{1}{8} \div \frac{3}{8} =$ _____

37) $\frac{6}{11} \div \frac{9}{11} =$ _____
38) $\frac{4}{6} \div \frac{4}{6} =$ _____
39) $\frac{4}{5} \div \frac{2}{5} =$ _____
40) $\frac{3}{4} \div \frac{1}{4} =$ _____

41) $\frac{3}{12} \div \frac{4}{12} =$ _____
42) $\frac{4}{9} \div \frac{1}{9} =$ _____
43) $\frac{1}{7} \div \frac{5}{7} =$ _____
44) $\frac{9}{10} \div \frac{2}{10} =$ _____

45) $\frac{4}{10} \div \frac{2}{10} =$ _____
46) $\frac{6}{12} \div \frac{5}{12} =$ _____
47) $\frac{1}{3} \div \frac{2}{3} =$ _____
48) $\frac{7}{11} \div \frac{6}{11} =$ _____

49) $\frac{3}{5} \div \frac{1}{5} =$ _____
50) $\frac{4}{7} \div \frac{3}{7} =$ _____
51) $\frac{6}{9} \div \frac{3}{9} =$ _____
52) $\frac{5}{6} \div \frac{5}{6} =$ _____

53) $\frac{2}{8} \div \frac{1}{8} =$ _____
54) $\frac{2}{10} \div \frac{2}{10} =$ _____
55) $\frac{5}{6} \div \frac{4}{6} =$ _____
56) $\frac{3}{5} \div \frac{2}{5} =$ _____

57) $\frac{1}{11} \div \frac{8}{11} =$ _____
58) $\frac{11}{12} \div \frac{5}{12} =$ _____
59) $\frac{3}{8} \div \frac{2}{8} =$ _____
60) $\frac{5}{8} \div \frac{4}{8} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Division

Find the quotient.

1) $\frac{4}{10} \div \frac{1}{5} =$ _____
2) $\frac{6}{12} \div \frac{6}{8} =$ _____
3) $\frac{9}{12} \div \frac{3}{4} =$ _____
4) $\frac{1}{2} \div \frac{2}{4} =$ _____

5) $\frac{3}{6} \div \frac{7}{8} =$ _____
6) $\frac{3}{8} \div \frac{1}{3} =$ _____
7) $\frac{2}{9} \div \frac{3}{6} =$ _____
8) $\frac{2}{5} \div \frac{1}{5} =$ _____

9) $\frac{10}{12} \div \frac{1}{3} =$ _____
10) $\frac{2}{4} \div \frac{3}{8} =$ _____
11) $\frac{3}{6} \div \frac{2}{4} =$ _____
12) $\frac{1}{2} \div \frac{2}{6} =$ _____

13) $\frac{5}{7} \div \frac{1}{5} =$ _____
14) $\frac{1}{9} \div \frac{1}{3} =$ _____
15) $\frac{8}{10} \div \frac{5}{6} =$ _____
16) $\frac{6}{8} \div \frac{2}{6} =$ _____

17) $\frac{2}{4} \div \frac{2}{8} =$ _____
18) $\frac{3}{5} \div \frac{1}{3} =$ _____
19) $\frac{7}{9} \div \frac{2}{3} =$ _____
20) $\frac{7}{11} \div \frac{3}{4} =$ _____

21) $\frac{3}{4} \div \frac{1}{5} =$ _____
22) $\frac{4}{7} \div \frac{1}{4} =$ _____
23) $\frac{4}{6} \div \frac{1}{3} =$ _____
24) $\frac{5}{8} \div \frac{4}{5} =$ _____

25) $\frac{3}{5} \div \frac{7}{8} =$ _____
26) $\frac{1}{6} \div \frac{5}{6} =$ _____
27) $\frac{1}{3} \div \frac{1}{8} =$ _____
28) $\frac{1}{5} \div \frac{1}{4} =$ _____

29) $\frac{1}{11} \div \frac{4}{5} =$ _____
30) $\frac{6}{9} \div \frac{3}{6} =$ _____
31) $\frac{1}{2} \div \frac{5}{8} =$ _____
32) $\frac{1}{6} \div \frac{1}{4} =$ _____

33) $\frac{1}{8} \div \frac{5}{6} =$ _____
34) $\frac{10}{11} \div \frac{2}{8} =$ _____
35) $\frac{4}{12} \div \frac{1}{4} =$ _____
36) $\frac{1}{2} \div \frac{2}{3} =$ _____

37) $\frac{6}{12} \div \frac{3}{6} =$ _____
38) $\frac{3}{4} \div \frac{3}{4} =$ _____
39) $\frac{3}{6} \div \frac{3}{5} =$ _____
40) $\frac{2}{3} \div \frac{1}{6} =$ _____

41) $\frac{2}{7} \div \frac{4}{5} =$ _____
42) $\frac{1}{6} \div \frac{4}{8} =$ _____
43) $\frac{11}{12} \div \frac{2}{3} =$ _____
44) $\frac{4}{5} \div \frac{2}{3} =$ _____

45) $\frac{2}{4} \div \frac{7}{8} =$ _____
46) $\frac{1}{4} \div \frac{1}{4} =$ _____
47) $\frac{4}{9} \div \frac{5}{6} =$ _____
48) $\frac{7}{8} \div \frac{5}{8} =$ _____

49) $\frac{1}{7} \div \frac{4}{6} =$ _____
50) $\frac{2}{3} \div \frac{2}{5} =$ _____
51) $\frac{7}{12} \div \frac{1}{4} =$ _____
52) $\frac{1}{2} \div \frac{4}{8} =$ _____

53) $\frac{3}{7} \div \frac{3}{4} =$ _____
54) $\frac{3}{10} \div \frac{2}{5} =$ _____
55) $\frac{3}{4} \div \frac{2}{6} =$ _____
56) $\frac{2}{6} \div \frac{1}{3} =$ _____

57) $\frac{4}{5} \div \frac{5}{8} =$ _____
58) $\frac{3}{9} \div \frac{1}{4} =$ _____
59) $\frac{9}{10} \div \frac{3}{5} =$ _____
60) $\frac{2}{3} \div \frac{3}{8} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Multiplication 1

Find the product. Express in lowest terms.

1) $\frac{7}{12} \times \frac{10}{12} =$ _____
2) $\frac{2}{7} \times \frac{1}{7} =$ _____
3) $\frac{10}{11} \times \frac{6}{11} =$ _____
4) $\frac{7}{10} \times \frac{3}{10} =$ _____

5) $\frac{3}{6} \times \frac{3}{6} =$ _____
6) $\frac{1}{4} \times \frac{1}{4} =$ _____
7) $\frac{1}{2} \times \frac{1}{2} =$ _____
8) $\frac{7}{8} \times \frac{2}{8} =$ _____

9) $\frac{8}{9} \times \frac{2}{9} =$ _____
10) $\frac{4}{5} \times \frac{2}{5} =$ _____
11) $\frac{3}{12} \times \frac{5}{12} =$ _____
12) $\frac{1}{3} \times \frac{2}{3} =$ _____

13) $\frac{6}{7} \times \frac{3}{7} =$ _____
14) $\frac{6}{7} \times \frac{6}{7} =$ _____
15) $\frac{2}{3} \times \frac{2}{3} =$ _____
16) $\frac{6}{10} \times \frac{2}{10} =$ _____

17) $\frac{1}{6} \times \frac{5}{6} =$ _____
18) $\frac{8}{12} \times \frac{1}{12} =$ _____
19) $\frac{5}{8} \times \frac{4}{8} =$ _____
20) $\frac{3}{4} \times \frac{1}{4} =$ _____

21) $\frac{7}{11} \times \frac{7}{11} =$ _____
22) $\frac{2}{9} \times \frac{3}{9} =$ _____
23) $\frac{4}{8} \times \frac{6}{8} =$ _____
24) $\frac{5}{7} \times \frac{5}{7} =$ _____

25) $\frac{4}{6} \times \frac{3}{6} =$ _____
26) $\frac{1}{5} \times \frac{3}{5} =$ _____
27) $\frac{7}{11} \times \frac{8}{11} =$ _____
28) $\frac{8}{12} \times \frac{9}{12} =$ _____

29) $\frac{3}{9} \times \frac{3}{9} =$ _____
30) $\frac{2}{10} \times \frac{1}{10} =$ _____
31) $\frac{4}{8} \times \frac{7}{8} =$ _____
32) $\frac{4}{6} \times \frac{1}{6} =$ _____

33) $\frac{2}{9} \times \frac{6}{9} =$ _____
34) $\frac{4}{11} \times \frac{9}{11} =$ _____
35) $\frac{6}{10} \times \frac{6}{10} =$ _____
36) $\frac{8}{12} \times \frac{11}{12} =$ _____

37) $\frac{4}{5} \times \frac{4}{5} =$ _____
38) $\frac{2}{7} \times \frac{2}{7} =$ _____
39) $\frac{1}{6} \times \frac{1}{6} =$ _____
40) $\frac{2}{4} \times \frac{3}{4} =$ _____

41) $\frac{2}{7} \times \frac{6}{7} =$ _____
42) $\frac{3}{11} \times \frac{10}{11} =$ _____
43) $\frac{1}{5} \times \frac{2}{5} =$ _____
44) $\frac{1}{8} \times \frac{4}{8} =$ _____

45) $\frac{11}{12} \times \frac{7}{12} =$ _____
46) $\frac{6}{10} \times \frac{5}{10} =$ _____
47) $\frac{2}{9} \times \frac{7}{9} =$ _____
48) $\frac{2}{6} \times \frac{5}{6} =$ _____

49) $\frac{1}{8} \times \frac{2}{8} =$ _____
50) $\frac{1}{11} \times \frac{5}{11} =$ _____
51) $\frac{5}{10} \times \frac{3}{10} =$ _____
52) $\frac{2}{3} \times \frac{1}{3} =$ _____

53) $\frac{3}{7} \times \frac{3}{7} =$ _____
54) $\frac{5}{9} \times \frac{8}{9} =$ _____
55) $\frac{10}{12} \times \frac{7}{12} =$ _____
56) $\frac{1}{5} \times \frac{1}{5} =$ _____

57) $\frac{5}{10} \times \frac{9}{10} =$ _____
58) $\frac{9}{12} \times \frac{2}{12} =$ _____
59) $\frac{1}{7} \times \frac{6}{7} =$ _____
60) $\frac{1}{11} \times \frac{4}{11} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Multiplication 2

Find the product. Express in lowest terms.

1) $\frac{8}{11} \times \frac{2}{4} =$ _____
2) $\frac{5}{10} \times \frac{3}{11} =$ _____
3) $\frac{2}{4} \times \frac{7}{9} =$ _____
4) $\frac{4}{7} \times \frac{5}{12} =$ _____

5) $\frac{2}{8} \times \frac{1}{10} =$ _____
6) $\frac{3}{5} \times \frac{10}{11} =$ _____
7) $\frac{5}{12} \times \frac{2}{4} =$ _____
8) $\frac{1}{11} \times \frac{2}{5} =$ _____

9) $\frac{2}{4} \times \frac{1}{12} =$ _____
10) $\frac{2}{7} \times \frac{3}{6} =$ _____
11) $\frac{1}{11} \times \frac{1}{6} =$ _____
12) $\frac{1}{4} \times \frac{4}{9} =$ _____

13) $\frac{1}{6} \times \frac{1}{3} =$ _____
14) $\frac{1}{5} \times \frac{1}{2} =$ _____
15) $\frac{4}{7} \times \frac{9}{11} =$ _____
16) $\frac{4}{10} \times \frac{1}{11} =$ _____

17) $\frac{3}{8} \times \frac{3}{10} =$ _____
18) $\frac{1}{5} \times \frac{5}{7} =$ _____
19) $\frac{1}{2} \times \frac{7}{12} =$ _____
20) $\frac{2}{4} \times \frac{7}{8} =$ _____

21) $\frac{10}{11} \times \frac{7}{9} =$ _____
22) $\frac{3}{8} \times \frac{7}{8} =$ _____
23) $\frac{2}{8} \times \frac{4}{7} =$ _____
24) $\frac{2}{3} \times \frac{2}{6} =$ _____

25) $\frac{2}{4} \times \frac{2}{4} =$ _____
26) $\frac{1}{2} \times \frac{1}{2} =$ _____
27) $\frac{2}{10} \times \frac{10}{11} =$ _____
28) $\frac{7}{10} \times \frac{4}{7} =$ _____

29) $\frac{4}{8} \times \frac{1}{11} =$ _____
30) $\frac{1}{7} \times \frac{11}{12} =$ _____
31) $\frac{4}{6} \times \frac{1}{3} =$ _____
32) $\frac{1}{2} \times \frac{2}{4} =$ _____

33) $\frac{2}{3} \times \frac{5}{9} =$ _____
34) $\frac{3}{6} \times \frac{1}{10} =$ _____
35) $\frac{4}{11} \times \frac{5}{12} =$ _____
36) $\frac{1}{2} \times \frac{1}{3} =$ _____

37) $\frac{6}{9} \times \frac{2}{5} =$ _____
38) $\frac{6}{12} \times \frac{2}{7} =$ _____
39) $\frac{5}{6} \times \frac{2}{6} =$ _____
40) $\frac{2}{11} \times \frac{1}{2} =$ _____

41) $\frac{8}{10} \times \frac{9}{11} =$ _____
42) $\frac{1}{7} \times \frac{2}{8} =$ _____
43) $\frac{3}{4} \times \frac{7}{9} =$ _____
44) $\frac{4}{5} \times \frac{3}{6} =$ _____

45) $\frac{6}{10} \times \frac{7}{12} =$ _____
46) $\frac{1}{4} \times \frac{1}{2} =$ _____
47) $\frac{6}{12} \times \frac{1}{3} =$ _____
48) $\frac{1}{5} \times \frac{8}{9} =$ _____

49) $\frac{1}{2} \times \frac{6}{7} =$ _____
50) $\frac{2}{7} \times \frac{7}{11} =$ _____
51) $\frac{1}{5} \times \frac{2}{3} =$ _____
52) $\frac{5}{6} \times \frac{2}{9} =$ _____

53) $\frac{1}{3} \times \frac{1}{2} =$ _____
54) $\frac{3}{4} \times \frac{6}{8} =$ _____
55) $\frac{5}{10} \times \frac{2}{4} =$ _____
56) $\frac{8}{11} \times \frac{2}{5} =$ _____

57) $\frac{8}{9} \times \frac{4}{8} =$ _____
58) $\frac{1}{12} \times \frac{1}{2} =$ _____
59) $\frac{5}{8} \times \frac{6}{7} =$ _____
60) $\frac{7}{10} \times \frac{2}{11} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Subtraction 1

Find the difference. Express in lowest terms.

1) $\frac{5}{7} - \frac{2}{7} =$ _____
2) $\frac{11}{12} - \frac{10}{12} =$ _____
3) $\frac{6}{7} - \frac{5}{7} =$ _____
4) $\frac{10}{11} - \frac{9}{11} =$ _____

5) $\frac{8}{10} - \frac{7}{10} =$ _____
6) $\frac{5}{6} - \frac{4}{6} =$ _____
7) $\frac{3}{4} - \frac{2}{4} =$ _____
8) $\frac{5}{9} - \frac{2}{9} =$ _____

9) $\frac{2}{3} - \frac{1}{3} =$ _____
10) $\frac{6}{8} - \frac{3}{8} =$ _____
11) $\frac{10}{12} - \frac{9}{12} =$ _____
12) $\frac{4}{5} - \frac{2}{5} =$ _____

13) $\frac{4}{5} - \frac{1}{5} =$ _____
14) $\frac{6}{7} - \frac{1}{7} =$ _____
15) $\frac{7}{9} - \frac{5}{9} =$ _____
16) $\frac{2}{4} - \frac{1}{4} =$ _____

17) $\frac{4}{10} - \frac{3}{10} =$ _____
18) $\frac{5}{8} - \frac{3}{8} =$ _____
19) $\frac{3}{6} - \frac{1}{6} =$ _____
20) $\frac{9}{11} - \frac{5}{11} =$ _____

21) $\frac{7}{8} - \frac{5}{8} =$ _____
22) $\frac{2}{5} - \frac{1}{5} =$ _____
23) $\frac{8}{10} - \frac{5}{10} =$ _____
24) $\frac{4}{12} - \frac{3}{12} =$ _____

25) $\frac{6}{11} - \frac{5}{11} =$ _____
26) $\frac{8}{9} - \frac{1}{9} =$ _____
27) $\frac{8}{12} - \frac{7}{12} =$ _____
28) $\frac{5}{7} - \frac{1}{7} =$ _____

29) $\frac{8}{11} - \frac{5}{11} =$ _____
30) $\frac{4}{5} - \frac{3}{5} =$ _____
31) $\frac{5}{8} - \frac{2}{8} =$ _____
32) $\frac{9}{10} - \frac{7}{10} =$ _____

33) $\frac{8}{9} - \frac{5}{9} =$ _____
34) $\frac{5}{9} - \frac{3}{9} =$ _____
35) $\frac{9}{12} - \frac{4}{12} =$ _____
36) $\frac{8}{10} - \frac{1}{10} =$ _____

37) $\frac{2}{7} - \frac{1}{7} =$ _____
38) $\frac{10}{12} - \frac{8}{12} =$ _____
39) $\frac{3}{5} - \frac{2}{5} =$ _____
40) $\frac{6}{8} - \frac{4}{8} =$ _____

41) $\frac{7}{11} - \frac{1}{11} =$ _____
42) $\frac{7}{9} - \frac{6}{9} =$ _____
43) $\frac{10}{12} - \frac{4}{12} =$ _____
44) $\frac{3}{9} - \frac{1}{9} =$ _____

45) $\frac{7}{8} - \frac{6}{8} =$ _____
46) $\frac{9}{10} - \frac{6}{10} =$ _____
47) $\frac{5}{6} - \frac{3}{6} =$ _____
48) $\frac{10}{11} - \frac{7}{11} =$ _____

49) $\frac{5}{12} - \frac{1}{12} =$ _____
50) $\frac{3}{4} - \frac{1}{4} =$ _____
51) $\frac{7}{10} - \frac{6}{10} =$ _____
52) $\frac{6}{7} - \frac{3}{7} =$ _____

53) $\frac{7}{11} - \frac{3}{11} =$ _____
54) $\frac{8}{10} - \frac{3}{10} =$ _____
55) $\frac{9}{11} - \frac{2}{11} =$ _____
56) $\frac{6}{12} - \frac{5}{12} =$ _____

57) $\frac{5}{8} - \frac{1}{8} =$ _____
58) $\frac{7}{9} - \frac{4}{9} =$ _____
59) $\frac{8}{12} - \frac{2}{12} =$ _____
60) $\frac{3}{8} - \frac{2}{8} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions Subtraction 2

Find the difference. Express in lowest terms.

1) $\frac{5}{10} - \frac{5}{11} =$ _____
2) $\frac{6}{7} - \frac{2}{3} =$ _____
3) $\frac{11}{12} - \frac{8}{12} =$ _____
4) $\frac{8}{11} - \frac{3}{6} =$ _____

5) $\frac{6}{8} - \frac{1}{6} =$ _____
6) $\frac{4}{7} - \frac{5}{12} =$ _____
7) $\frac{2}{3} - \frac{2}{5} =$ _____
8) $\frac{8}{12} - \frac{6}{11} =$ _____

9) $\frac{3}{4} - \frac{1}{9} =$ _____
10) $\frac{7}{9} - \frac{7}{10} =$ _____
11) $\frac{8}{10} - \frac{1}{2} =$ _____
12) $\frac{2}{3} - \frac{5}{8} =$ _____

13) $\frac{5}{7} - \frac{4}{7} =$ _____
14) $\frac{6}{11} - \frac{1}{4} =$ _____
15) $\frac{2}{8} - \frac{2}{12} =$ _____
16) $\frac{7}{10} - \frac{1}{3} =$ _____

17) $\frac{2}{9} - \frac{2}{10} =$ _____
18) $\frac{6}{7} - \frac{1}{6} =$ _____
19) $\frac{7}{9} - \frac{1}{2} =$ _____
20) $\frac{3}{6} - \frac{1}{3} =$ _____

21) $\frac{3}{4} - \frac{3}{11} =$ _____
22) $\frac{7}{11} - \frac{1}{7} =$ _____
23) $\frac{3}{4} - \frac{2}{11} =$ _____
24) $\frac{1}{2} - \frac{3}{9} =$ _____

25) $\frac{2}{7} - \frac{1}{11} =$ _____
26) $\frac{8}{9} - \frac{5}{9} =$ _____
27) $\frac{4}{5} - \frac{1}{6} =$ _____
28) $\frac{7}{11} - \frac{2}{4} =$ _____

29) $\frac{10}{11} - \frac{2}{6} =$ _____
30) $\frac{2}{4} - \frac{1}{5} =$ _____
31) $\frac{6}{8} - \frac{4}{12} =$ _____
32) $\frac{5}{6} - \frac{5}{7} =$ _____

33) $\frac{4}{6} - \frac{1}{11} =$ _____
34) $\frac{1}{2} - \frac{1}{11} =$ _____
35) $\frac{5}{6} - \frac{2}{11} =$ _____
36) $\frac{9}{10} - \frac{10}{12} =$ _____

37) $\frac{5}{10} - \frac{4}{12} =$ _____
38) $\frac{2}{11} - \frac{1}{6} =$ _____
39) $\frac{4}{5} - \frac{1}{2} =$ _____
40) $\frac{8}{9} - \frac{4}{7} =$ _____

41) $\frac{4}{6} - \frac{1}{2} =$ _____
42) $\frac{7}{11} - \frac{3}{10} =$ _____
43) $\frac{6}{9} - \frac{5}{12} =$ _____
44) $\frac{7}{10} - \frac{5}{8} =$ _____

45) $\frac{3}{5} - \frac{1}{2} =$ _____
46) $\frac{8}{9} - \frac{3}{5} =$ _____
47) $\frac{2}{6} - \frac{1}{4} =$ _____
48) $\frac{7}{8} - \frac{1}{3} =$ _____

49) $\frac{1}{2} - \frac{1}{9} =$ _____
50) $\frac{6}{7} - \frac{2}{12} =$ _____
51) $\frac{11}{12} - \frac{2}{11} =$ _____
52) $\frac{2}{4} - \frac{1}{10} =$ _____

53) $\frac{8}{11} - \frac{5}{12} =$ _____
54) $\frac{7}{8} - \frac{2}{3} =$ _____
55) $\frac{8}{10} - \frac{4}{6} =$ _____
56) $\frac{9}{12} - \frac{5}{8} =$ _____

57) $\frac{7}{8} - \frac{4}{7} =$ _____
58) $\frac{5}{6} - \frac{1}{2} =$ _____
59) $\frac{2}{3} - \frac{1}{5} =$ _____
60) $\frac{11}{12} - \frac{7}{9} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Fractions: Multiple Operations

Find the solution.

1) $\frac{8}{9} + \frac{2}{7} + \frac{2}{3} + \frac{1}{2} =$ _____

2) $\frac{1}{3} \times \frac{4}{5} \times \frac{1}{2} =$ _____

3) $(\frac{8}{10} + \frac{2}{6}) - (\frac{3}{12} \times \frac{11}{12}) =$ _____

4) $\frac{7}{9} + \frac{1}{6} + \frac{2}{3} =$ _____

5) $(\frac{4}{11} \times \frac{11}{12}) + (\frac{1}{2} \times \frac{6}{12}) =$ _____

6) $(\frac{1}{2} \times \frac{3}{8}) + (\frac{1}{2} \times \frac{6}{7}) =$ _____

7) $(\frac{3}{6} + \frac{1}{2}) - (\frac{3}{8} \times \frac{1}{4}) =$ _____

8) $\frac{2}{3} + \frac{1}{3} + \frac{6}{7} + \frac{3}{7} =$ _____

9) $\frac{1}{3} + \frac{2}{5} + 2 =$ _____

10) $\frac{4}{12} + \frac{2}{5} + 11 =$ _____

11) $\frac{1}{2} + \frac{3}{8} + \frac{1}{2} + \frac{4}{7} =$ _____

12) $\frac{2}{6} + \frac{1}{2} - \frac{4}{12} =$ _____

13) $\frac{1}{5} + \frac{1}{3} - \frac{1}{4} =$ _____

14) $(\frac{1}{5} + \frac{1}{3}) \times (\frac{2}{7} + \frac{1}{10}) =$ _____

15) $\frac{1}{2} + \frac{2}{8} - \frac{4}{5} =$ _____

16) $(\frac{5}{12} + \frac{1}{2}) - (\frac{1}{4} \times \frac{6}{8}) =$ _____

17) $\frac{3}{5} + \frac{1}{11} + \frac{1}{2} + \frac{1}{8} =$ _____

18) $(\frac{2}{7} \times \frac{6}{7}) + (\frac{5}{7} \times \frac{5}{6}) =$ _____

19) $(\frac{1}{3} + \frac{1}{2}) \times (\frac{6}{8} + \frac{1}{8}) =$ _____

20) $\frac{3}{6} + \frac{7}{11} + \frac{1}{10} + \frac{4}{9} =$ _____

21) $(\frac{1}{8} \times \frac{1}{5}) + (\frac{2}{5} \times \frac{5}{9}) =$ _____

22) $(\frac{2}{4} + \frac{1}{6}) \times (\frac{2}{6} + \frac{2}{10}) =$ _____

23) $\frac{2}{6} \times \frac{8}{9} + \frac{4}{5} =$ _____

24) $\frac{7}{8} + \frac{2}{6} + \frac{2}{4} + \frac{2}{4} =$ _____

25) $\frac{1}{3} \times \frac{4}{9} + \frac{2}{9} =$ _____

26) $\frac{4}{6} \times \frac{1}{4} \times \frac{4}{6} =$ _____

27) $(\frac{2}{5} \times \frac{1}{4}) + (\frac{1}{5} \times \frac{5}{10}) =$ _____

28) $\frac{3}{10} \times \frac{2}{4} + \frac{2}{4} =$ _____

29) $\frac{2}{7} \times \frac{2}{5} + \frac{5}{7} =$ _____

30) $\frac{2}{5} \times \frac{2}{4} + \frac{7}{9} =$ _____

31) $\frac{8}{11} + \frac{1}{3} - \frac{10}{12} =$ _____

32) $(\frac{3}{5} + \frac{4}{10}) \times (\frac{3}{6} + \frac{7}{9}) =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Numbers and Improper Fractions 1

Convert the mixed numerals to improper fractions.

1) $4\frac{2}{6}$ = _____
2) $1\frac{8}{9}$ = _____
3) $3\frac{7}{8}$ = _____
4) $5\frac{1}{2}$ = _____
5) $9\frac{2}{3}$ = _____
6) $7\frac{3}{4}$ = _____
7) $9\frac{1}{5}$ = _____
8) $3\frac{1}{2}$ = _____
9) $3\frac{2}{7}$ = _____
10) $8\frac{5}{8}$ = _____
11) $3\frac{5}{6}$ = _____
12) $3\frac{8}{9}$ = _____
13) $9\frac{1}{2}$ = _____
14) $6\frac{1}{7}$ = _____
15) $7\frac{2}{8}$ = _____
16) $6\frac{8}{9}$ = _____
17) $7\frac{4}{11}$ = _____
18) $7\frac{1}{4}$ = _____
19) $3\frac{3}{7}$ = _____
20) $6\frac{7}{9}$ = _____
21) $8\frac{1}{5}$ = _____
22) $2\frac{1}{3}$ = _____
23) $6\frac{1}{2}$ = _____
24) $5\frac{1}{10}$ = _____
25) $3\frac{1}{6}$ = _____
26) $7\frac{3}{6}$ = _____
27) $1\frac{2}{11}$ = _____
28) $1\frac{2}{3}$ = _____
29) $8\frac{8}{10}$ = _____
30) $1\frac{9}{12}$ = _____
31) $4\frac{1}{11}$ = _____
32) $3\frac{4}{8}$ = _____
33) $5\frac{5}{6}$ = _____
34) $6\frac{5}{10}$ = _____
35) $3\frac{3}{4}$ = _____
36) $2\frac{2}{4}$ = _____
37) $1\frac{8}{11}$ = _____
38) $6\frac{9}{12}$ = _____
39) $1\frac{3}{6}$ = _____
40) $9\frac{4}{6}$ = _____
41) $2\frac{4}{9}$ = _____
42) $7\frac{6}{10}$ = _____
43) $3\frac{2}{8}$ = _____
44) $4\frac{1}{2}$ = _____
45) $3\frac{10}{12}$ = _____
46) $9\frac{2}{7}$ = _____
47) $8\frac{1}{10}$ = _____
48) $9\frac{1}{6}$ = _____
49) $6\frac{7}{12}$ = _____
50) $5\frac{6}{8}$ = _____
51) $7\frac{2}{3}$ = _____
52) $4\frac{3}{6}$ = _____
53) $1\frac{3}{9}$ = _____
54) $8\frac{1}{2}$ = _____
55) $2\frac{2}{7}$ = _____
56) $7\frac{7}{11}$ = _____
57) $9\frac{3}{4}$ = _____
58) $6\frac{4}{9}$ = _____
59) $2\frac{5}{6}$ = _____
60) $5\frac{2}{5}$ = _____
61) $6\frac{8}{10}$ = _____
62) $8\frac{5}{9}$ = _____
63) $8\frac{1}{3}$ = _____
64) $3\frac{1}{4}$ = _____
65) $9\frac{1}{3}$ = _____
66) $1\frac{1}{2}$ = _____
67) $7\frac{3}{5}$ = _____
68) $6\frac{1}{6}$ = _____
69) $1\frac{1}{12}$ = _____
70) $4\frac{6}{8}$ = _____
71) $9\frac{1}{7}$ = _____
72) $6\frac{4}{5}$ = _____
73) $4\frac{1}{9}$ = _____
74) $9\frac{2}{11}$ = _____
75) $5\frac{4}{10}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Numbers and Improper Fractions 2

Convert the improper fractions to mixed numerals.

1) $\frac{53}{11}$ = _____ 2) $\frac{66}{8}$ = _____ 3) $\frac{57}{6}$ = _____ 4) $\frac{70}{9}$ = _____ 5) $\frac{48}{5}$ = _____

6) $\frac{14}{4}$ = _____ 7) $\frac{5}{2}$ = _____ 8) $\frac{20}{7}$ = _____ 9) $\frac{27}{4}$ = _____ 10) $\frac{7}{2}$ = _____

11) $\frac{52}{9}$ = _____ 12) $\frac{16}{3}$ = _____ 13) $\frac{15}{12}$ = _____ 14) $\frac{41}{8}$ = _____ 15) $\frac{107}{12}$ = _____

16) $\frac{21}{6}$ = _____ 17) $\frac{59}{10}$ = _____ 18) $\frac{19}{2}$ = _____ 19) $\frac{68}{9}$ = _____ 20) $\frac{43}{6}$ = _____

21) $\frac{58}{11}$ = _____ 22) $\frac{14}{5}$ = _____ 23) $\frac{38}{7}$ = _____ 24) $\frac{35}{4}$ = _____ 25) $\frac{90}{12}$ = _____

26) $\frac{97}{11}$ = _____ 27) $\frac{43}{5}$ = _____ 28) $\frac{46}{12}$ = _____ 29) $\frac{16}{6}$ = _____ 30) $\frac{20}{12}$ = _____

31) $\frac{109}{11}$ = _____ 32) $\frac{30}{8}$ = _____ 33) $\frac{21}{9}$ = _____ 34) $\frac{38}{4}$ = _____ 35) $\frac{21}{10}$ = _____

36) $\frac{16}{7}$ = _____ 37) $\frac{60}{9}$ = _____ 38) $\frac{22}{4}$ = _____ 39) $\frac{14}{3}$ = _____ 40) $\frac{27}{6}$ = _____

41) $\frac{26}{5}$ = _____ 42) $\frac{56}{10}$ = _____ 43) $\frac{3}{2}$ = _____ 44) $\frac{47}{8}$ = _____ 45) $\frac{59}{12}$ = _____

46) $\frac{29}{3}$ = _____ 47) $\frac{42}{10}$ = _____ 48) $\frac{47}{7}$ = _____ 49) $\frac{75}{9}$ = _____ 50) $\frac{17}{5}$ = _____

51) $\frac{86}{10}$ = _____ 52) $\frac{53}{8}$ = _____ 53) $\frac{49}{11}$ = _____ 54) $\frac{13}{3}$ = _____ 55) $\frac{46}{9}$ = _____

56) $\frac{39}{11}$ = _____ 57) $\frac{99}{12}$ = _____ 58) $\frac{29}{4}$ = _____ 59) $\frac{26}{6}$ = _____ 60) $\frac{85}{10}$ = _____

61) $\frac{17}{3}$ = _____ 62) $\frac{89}{11}$ = _____ 63) $\frac{4}{3}$ = _____ 64) $\frac{29}{6}$ = _____ 65) $\frac{12}{8}$ = _____

66) $\frac{41}{7}$ = _____ 67) $\frac{64}{11}$ = _____ 68) $\frac{78}{12}$ = _____ 69) $\frac{20}{3}$ = _____ 70) $\frac{61}{8}$ = _____

71) $\frac{47}{10}$ = _____ 72) $\frac{31}{6}$ = _____ 73) $\frac{40}{6}$ = _____ 74) $\frac{22}{3}$ = _____ 75) $\frac{28}{5}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Numbers and Improper Fractions 3

Convert the improper fractions to mixed numerals and the mixed numerals to improper fractions.

1) $\frac{76}{9}$ = _____
2) $2\frac{2}{4}$ = _____
3) $3\frac{2}{10}$ = _____
4) $7\frac{7}{11}$ = _____
5) $\frac{51}{9}$ = _____

6) $\frac{23}{3}$ = _____
7) $4\frac{2}{4}$ = _____
8) $\frac{44}{5}$ = _____
9) $8\frac{1}{10}$ = _____
10) $\frac{32}{6}$ = _____

11) $3\frac{2}{9}$ = _____
12) $5\frac{5}{12}$ = _____
13) $\frac{56}{11}$ = _____
14) $7\frac{2}{8}$ = _____
15) $\frac{35}{6}$ = _____

16) $2\frac{3}{9}$ = _____
17) $\frac{10}{3}$ = _____
18) $2\frac{11}{12}$ = _____
19) $8\frac{3}{5}$ = _____
20) $7\frac{5}{8}$ = _____

21) $4\frac{1}{2}$ = _____
22) $\frac{49}{5}$ = _____
23) $\frac{103}{12}$ = _____
24) $\frac{43}{9}$ = _____
25) $5\frac{1}{3}$ = _____

26) $\frac{15}{11}$ = _____
27) $2\frac{3}{8}$ = _____
28) $\frac{79}{12}$ = _____
29) $8\frac{7}{10}$ = _____
30) $1\frac{1}{3}$ = _____

31) $\frac{22}{4}$ = _____
32) $\frac{43}{12}$ = _____
33) $\frac{63}{10}$ = _____
34) $\frac{20}{7}$ = _____
35) $\frac{25}{11}$ = _____

36) $\frac{38}{8}$ = _____
37) $\frac{29}{3}$ = _____
38) $3\frac{7}{11}$ = _____
39) $6\frac{8}{9}$ = _____
40) $7\frac{8}{10}$ = _____

41) $7\frac{1}{2}$ = _____
42) $\frac{97}{11}$ = _____
43) $\frac{29}{10}$ = _____
44) $5\frac{4}{7}$ = _____
45) $1\frac{1}{4}$ = _____

46) $\frac{58}{9}$ = _____
47) $\frac{11}{4}$ = _____
48) $4\frac{2}{6}$ = _____
49) $5\frac{4}{9}$ = _____
50) $1\frac{2}{10}$ = _____

51) $\frac{72}{11}$ = _____
52) $9\frac{8}{9}$ = _____
53) $\frac{28}{3}$ = _____
54) $4\frac{10}{11}$ = _____
55) $3\frac{1}{5}$ = _____

56) $\frac{3}{2}$ = _____
57) $5\frac{3}{4}$ = _____
58) $7\frac{3}{4}$ = _____
59) $\frac{38}{5}$ = _____
60) $\frac{28}{8}$ = _____

61) $\frac{69}{9}$ = _____
62) $8\frac{11}{12}$ = _____
63) $5\frac{1}{2}$ = _____
64) $6\frac{2}{3}$ = _____
65) $4\frac{1}{5}$ = _____

66) $2\frac{2}{9}$ = _____
67) $8\frac{6}{12}$ = _____
68) $2\frac{2}{10}$ = _____
69) $5\frac{10}{11}$ = _____
70) $\frac{78}{9}$ = _____

71) $\frac{39}{6}$ = _____
72) $3\frac{8}{10}$ = _____
73) $\frac{38}{4}$ = _____
74) $2\frac{5}{9}$ = _____
75) $2\frac{6}{12}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Addition With Common Denominators

Calculate.

1) $5\frac{3}{12} + 1\frac{5}{12} =$ _____
2) $8\frac{1}{2} + 2\frac{1}{2} =$ _____
3) $5\frac{3}{9} + 7\frac{7}{9} =$ _____
4) $2\frac{4}{8} + 1\frac{5}{8} =$ _____
5) $6\frac{7}{10} + 2\frac{1}{10} =$ _____
6) $6\frac{3}{5} + 8\frac{2}{5} =$ _____
7) $8\frac{1}{3} + 7\frac{2}{3} =$ _____
8) $9\frac{6}{7} + 8\frac{6}{7} =$ _____
9) $3\frac{6}{8} + 6\frac{3}{8} =$ _____
10) $1\frac{1}{6} + 7\frac{1}{6} =$ _____
11) $5\frac{1}{7} + 3\frac{2}{7} =$ _____
12) $2\frac{9}{10} + 2\frac{1}{10} =$ _____
13) $3\frac{1}{2} + 3\frac{1}{2} =$ _____
14) $7\frac{1}{4} + 9\frac{2}{4} =$ _____
15) $6\frac{2}{3} + 9\frac{1}{3} =$ _____
16) $9\frac{2}{9} + 9\frac{6}{9} =$ _____
17) $7\frac{5}{11} + 4\frac{5}{11} =$ _____
18) $3\frac{7}{12} + 2\frac{10}{12} =$ _____
19) $1\frac{3}{5} + 6\frac{2}{5} =$ _____
20) $7\frac{1}{11} + 3\frac{7}{11} =$ _____
21) $7\frac{2}{3} + 2\frac{2}{3} =$ _____
22) $6\frac{2}{8} + 8\frac{3}{8} =$ _____
23) $5\frac{5}{7} + 2\frac{1}{7} =$ _____
24) $2\frac{2}{12} + 9\frac{6}{12} =$ _____
25) $2\frac{2}{4} + 5\frac{3}{4} =$ _____
26) $7\frac{1}{2} + 5\frac{1}{2} =$ _____
27) $7\frac{1}{9} + 4\frac{2}{9} =$ _____
28) $4\frac{8}{10} + 8\frac{3}{10} =$ _____
29) $8\frac{3}{6} + 9\frac{4}{6} =$ _____
30) $4\frac{1}{5} + 6\frac{4}{5} =$ _____
31) $3\frac{1}{4} + 1\frac{1}{4} =$ _____
32) $5\frac{1}{2} + 4\frac{1}{2} =$ _____
33) $4\frac{3}{12} + 1\frac{4}{12} =$ _____
34) $7\frac{10}{11} + 3\frac{2}{11} =$ _____
35) $5\frac{2}{3} + 5\frac{1}{3} =$ _____
36) $7\frac{1}{5} + 9\frac{3}{5} =$ _____
37) $3\frac{3}{9} + 5\frac{2}{9} =$ _____
38) $5\frac{1}{8} + 5\frac{4}{8} =$ _____
39) $4\frac{3}{6} + 7\frac{4}{6} =$ _____
40) $5\frac{6}{10} + 5\frac{4}{10} =$ _____
41) $6\frac{5}{7} + 9\frac{2}{7} =$ _____
42) $7\frac{2}{3} + 5\frac{2}{3} =$ _____
43) $9\frac{2}{7} + 3\frac{6}{7} =$ _____
44) $7\frac{2}{8} + 7\frac{2}{8} =$ _____
45) $1\frac{4}{5} + 5\frac{1}{5} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Subtraction With Common Denominators

Calculate.

1) $5\frac{1}{2} - 1\frac{1}{2} =$ _____
2) $8\frac{2}{4} - 7\frac{3}{4} =$ _____
3) $3\frac{3}{8} - 3\frac{2}{8} =$ _____
4) $5\frac{4}{11} - 1\frac{9}{11} =$ _____
5) $8\frac{1}{10} - 1\frac{8}{10} =$ _____
6) $9\frac{1}{2} - 7\frac{1}{2} =$ _____
7) $8\frac{2}{5} - 1\frac{4}{5} =$ _____
8) $9\frac{2}{7} - 6\frac{3}{7} =$ _____
9) $9\frac{1}{9} - 7\frac{3}{9} =$ _____
10) $8\frac{1}{3} - 5\frac{2}{3} =$ _____
11) $8\frac{10}{12} - 6\frac{11}{12} =$ _____
12) $8\frac{4}{6} - 3\frac{5}{6} =$ _____
13) $8\frac{6}{10} - 7\frac{8}{10} =$ _____
14) $9\frac{3}{6} - 6\frac{4}{6} =$ _____
15) $9\frac{1}{3} - 7\frac{2}{3} =$ _____
16) $2\frac{3}{9} - 1\frac{4}{9} =$ _____
17) $9\frac{8}{11} - 7\frac{9}{11} =$ _____
18) $9\frac{7}{12} - 2\frac{9}{12} =$ _____
19) $9\frac{1}{4} - 4\frac{3}{4} =$ _____
20) $7\frac{3}{5} - 5\frac{4}{5} =$ _____
21) $9\frac{2}{7} - 8\frac{4}{7} =$ _____
22) $9\frac{1}{2} - 6\frac{1}{2} =$ _____
23) $9\frac{3}{8} - 6\frac{4}{8} =$ _____
24) $8\frac{5}{12} - 5\frac{10}{12} =$ _____
25) $8\frac{6}{9} - 5\frac{7}{9} =$ _____
26) $7\frac{4}{6} - 7\frac{3}{6} =$ _____
27) $4\frac{1}{5} - 1\frac{4}{5} =$ _____
28) $9\frac{2}{4} - 5\frac{3}{4} =$ _____
29) $9\frac{5}{7} - 8\frac{6}{7} =$ _____
30) $8\frac{1}{2} - 3\frac{1}{2} =$ _____
31) $2\frac{1}{11} - 1\frac{4}{11} =$ _____
32) $9\frac{1}{8} - 7\frac{5}{8} =$ _____
33) $9\frac{1}{3} - 8\frac{2}{3} =$ _____
34) $3\frac{1}{10} - 2\frac{8}{10} =$ _____
35) $8\frac{3}{11} - 6\frac{10}{11} =$ _____
36) $6\frac{9}{10} - 6\frac{8}{10} =$ _____
37) $8\frac{1}{4} - 7\frac{3}{4} =$ _____
38) $9\frac{1}{6} - 8\frac{3}{6} =$ _____
39) $9\frac{2}{7} - 8\frac{6}{7} =$ _____
40) $9\frac{2}{5} - 8\frac{4}{5} =$ _____
41) $8\frac{7}{12} - 2\frac{8}{12} =$ _____
42) $7\frac{1}{3} - 1\frac{2}{3} =$ _____
43) $9\frac{3}{9} - 4\frac{5}{9} =$ _____
44) $9\frac{3}{8} - 8\frac{5}{8} =$ _____
45) $8\frac{3}{6} - 3\frac{5}{6} =$ _____
46) $8\frac{1}{2} - 7\frac{1}{2} =$ _____
47) $8\frac{2}{4} - 1\frac{3}{4} =$ _____
48) $9\frac{1}{3} - 4\frac{2}{3} =$ _____
49) $6\frac{3}{10} - 5\frac{8}{10} =$ _____
50) $7\frac{1}{5} - 6\frac{4}{5} =$ _____
51) $9\frac{2}{12} - 4\frac{10}{12} =$ _____
52) $9\frac{4}{9} - 5\frac{7}{9} =$ _____
53) $5\frac{4}{8} - 3\frac{7}{8} =$ _____
54) $9\frac{2}{11} - 2\frac{7}{11} =$ _____
55) $5\frac{3}{7} - 3\frac{5}{7} =$ _____
56) $4\frac{4}{10} - 2\frac{9}{10} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Multiplication With Common Denominators

Calculate.

1) $5\frac{1}{2} \times 4\frac{1}{2} =$ _____
2) $3\frac{1}{6} \times 3\frac{2}{6} =$ _____
3) $1\frac{3}{11} \times 9\frac{8}{11} =$ _____
4) $9\frac{4}{8} \times 1\frac{4}{8} =$ _____
5) $9\frac{2}{4} \times 8\frac{3}{4} =$ _____
6) $4\frac{10}{12} \times 5\frac{7}{12} =$ _____
7) $2\frac{2}{10} \times 9\frac{1}{10} =$ _____
8) $9\frac{5}{9} \times 2\frac{3}{9} =$ _____
9) $1\frac{6}{11} \times 3\frac{10}{11} =$ _____
10) $3\frac{3}{4} \times 9\frac{2}{4} =$ _____
11) $4\frac{7}{8} \times 7\frac{3}{8} =$ _____
12) $9\frac{1}{2} \times 7\frac{1}{2} =$ _____
13) $9\frac{1}{9} \times 7\frac{1}{9} =$ _____
14) $4\frac{4}{7} \times 6\frac{1}{7} =$ _____
15) $5\frac{2}{6} \times 6\frac{2}{6} =$ _____
16) $1\frac{4}{12} \times 2\frac{10}{12} =$ _____
17) $4\frac{3}{5} \times 9\frac{3}{5} =$ _____
18) $5\frac{2}{10} \times 5\frac{1}{10} =$ _____
19) $2\frac{2}{3} \times 2\frac{2}{3} =$ _____
20) $5\frac{4}{7} \times 5\frac{3}{7} =$ _____
21) $9\frac{1}{11} \times 7\frac{3}{11} =$ _____
22) $2\frac{9}{10} \times 5\frac{5}{10} =$ _____
23) $6\frac{1}{2} \times 5\frac{1}{2} =$ _____
24) $6\frac{1}{3} \times 4\frac{1}{3} =$ _____
25) $4\frac{1}{4} \times 2\frac{1}{4} =$ _____
26) $1\frac{5}{6} \times 3\frac{3}{6} =$ _____
27) $5\frac{11}{12} \times 1\frac{2}{12} =$ _____
28) $1\frac{4}{8} \times 1\frac{1}{8} =$ _____
29) $9\frac{3}{9} \times 8\frac{4}{9} =$ _____
30) $2\frac{3}{5} \times 2\frac{4}{5} =$ _____
31) $9\frac{1}{4} \times 3\frac{3}{4} =$ _____
32) $2\frac{3}{6} \times 4\frac{4}{6} =$ _____
33) $8\frac{2}{11} \times 3\frac{4}{11} =$ _____
34) $5\frac{4}{9} \times 6\frac{6}{9} =$ _____
35) $7\frac{2}{3} \times 6\frac{1}{3} =$ _____
36) $6\frac{4}{12} \times 8\frac{7}{12} =$ _____
37) $9\frac{4}{5} \times 3\frac{3}{5} =$ _____
38) $1\frac{1}{7} \times 9\frac{2}{7} =$ _____
39) $5\frac{1}{10} \times 2\frac{8}{10} =$ _____
40) $3\frac{1}{2} \times 9\frac{1}{2} =$ _____
41) $6\frac{3}{8} \times 2\frac{6}{8} =$ _____
42) $9\frac{7}{12} \times 2\frac{4}{12} =$ _____
43) $4\frac{4}{7} \times 6\frac{3}{7} =$ _____
44) $4\frac{3}{9} \times 5\frac{1}{9} =$ _____
45) $8\frac{1}{11} \times 5\frac{9}{11} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Division With Common Denominators

Calculate.

1) $2\frac{3}{7} \div 6\frac{4}{7} =$ _____
2) $1\frac{3}{6} \div 2\frac{2}{6} =$ _____
3) $1\frac{4}{8} \div 6\frac{2}{8} =$ _____
4) $5\frac{3}{5} \div 5\frac{1}{5} =$ _____
5) $7\frac{1}{2} \div 2\frac{1}{2} =$ _____
6) $5\frac{2}{10} \div 3\frac{1}{10} =$ _____
7) $2\frac{1}{2} \div 1\frac{1}{2} =$ _____
8) $2\frac{7}{9} \div 2\frac{5}{9} =$ _____
9) $1\frac{7}{12} \div 8\frac{10}{12} =$ _____
10) $6\frac{4}{6} \div 5\frac{3}{6} =$ _____
11) $8\frac{10}{11} \div 1\frac{5}{11} =$ _____
12) $7\frac{3}{5} \div 3\frac{3}{5} =$ _____
13) $4\frac{5}{8} \div 6\frac{4}{8} =$ _____
14) $6\frac{1}{7} \div 5\frac{5}{7} =$ _____
15) $5\frac{2}{4} \div 3\frac{3}{4} =$ _____
16) $2\frac{1}{3} \div 5\frac{2}{3} =$ _____
17) $8\frac{1}{6} \div 9\frac{4}{6} =$ _____
18) $9\frac{7}{11} \div 8\frac{3}{11} =$ _____
19) $4\frac{2}{9} \div 2\frac{4}{9} =$ _____
20) $3\frac{2}{6} \div 7\frac{5}{6} =$ _____
21) $5\frac{1}{2} \div 4\frac{1}{2} =$ _____
22) $5\frac{2}{3} \div 3\frac{2}{3} =$ _____
23) $8\frac{2}{4} \div 8\frac{2}{4} =$ _____
24) $2\frac{4}{12} \div 8\frac{4}{12} =$ _____
25) $9\frac{4}{7} \div 1\frac{5}{7} =$ _____
26) $2\frac{3}{5} \div 9\frac{3}{5} =$ _____
27) $9\frac{2}{8} \div 5\frac{4}{8} =$ _____
28) $3\frac{5}{10} \div 6\frac{7}{10} =$ _____
29) $8\frac{5}{12} \div 5\frac{9}{12} =$ _____
30) $8\frac{4}{8} \div 5\frac{5}{8} =$ _____
31) $1\frac{3}{4} \div 5\frac{1}{4} =$ _____
32) $4\frac{2}{11} \div 3\frac{6}{11} =$ _____
33) $7\frac{1}{3} \div 8\frac{1}{3} =$ _____
34) $1\frac{7}{10} \div 6\frac{6}{10} =$ _____
35) $7\frac{1}{2} \div 1\frac{1}{2} =$ _____
36) $1\frac{3}{7} \div 4\frac{2}{7} =$ _____
37) $3\frac{5}{9} \div 6\frac{5}{9} =$ _____
38) $5\frac{3}{6} \div 6\frac{3}{6} =$ _____
39) $6\frac{4}{5} \div 1\frac{3}{5} =$ _____
40) $1\frac{1}{6} \div 6\frac{4}{6} =$ _____
41) $4\frac{8}{10} \div 6\frac{4}{10} =$ _____
42) $2\frac{4}{7} \div 3\frac{2}{7} =$ _____
43) $7\frac{1}{8} \div 7\frac{6}{8} =$ _____
44) $7\frac{4}{9} \div 4\frac{6}{9} =$ _____
45) $2\frac{2}{3} \div 6\frac{2}{3} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions With Common Denominators

Calculate.

1) $6\frac{2}{7} + 4\frac{2}{7} =$ _____

2) $8\frac{5}{8} - 8\frac{1}{8} =$ _____

3) $4\frac{1}{2} \div 9\frac{1}{2} =$ _____

4) $1\frac{1}{4} \div 3\frac{3}{4} =$ _____

5) $5\frac{4}{11} \times 2\frac{2}{11} =$ _____

6) $7\frac{2}{6} + 1\frac{1}{6} =$ _____

7) $7\frac{2}{3} \div 1\frac{1}{3} =$ _____

8) $1\frac{1}{10} \div 6\frac{6}{10} =$ _____

9) $6\frac{2}{9} - 4\frac{8}{9} =$ _____

10) $3\frac{5}{7} \times 2\frac{4}{7} =$ _____

11) $5\frac{6}{8} - 3\frac{7}{8} =$ _____

12) $6\frac{7}{12} + 4\frac{7}{12} =$ _____

13) $3\frac{1}{5} \times 8\frac{4}{5} =$ _____

14) $2\frac{10}{12} \div 1\frac{4}{12} =$ _____

15) $7\frac{1}{4} \times 2\frac{3}{4} =$ _____

16) $4\frac{1}{3} \div 9\frac{2}{3} =$ _____

17) $9\frac{6}{7} \div 1\frac{4}{7} =$ _____

18) $1\frac{3}{5} \div 3\frac{2}{5} =$ _____

19) $4\frac{5}{6} + 8\frac{2}{6} =$ _____

20) $2\frac{5}{8} \div 7\frac{3}{8} =$ _____

21) $8\frac{1}{2} - 4\frac{1}{2} =$ _____

22) $5\frac{1}{10} - 2\frac{5}{10} =$ _____

23) $3\frac{7}{9} \div 6\frac{2}{9} =$ _____

24) $9\frac{8}{11} - 2\frac{9}{11} =$ _____

25) $9\frac{1}{11} - 3\frac{8}{11} =$ _____

26) $5\frac{11}{12} \times 5\frac{7}{12} =$ _____

27) $9\frac{7}{9} \div 2\frac{5}{9} =$ _____

28) $4\frac{4}{7} \div 3\frac{1}{7} =$ _____

29) $1\frac{2}{3} + 5\frac{2}{3} =$ _____

30) $3\frac{2}{8} \times 2\frac{3}{8} =$ _____

31) $8\frac{3}{5} \div 6\frac{1}{5} =$ _____

32) $2\frac{1}{2} \times 1\frac{1}{2} =$ _____

33) $5\frac{2}{4} \times 6\frac{2}{4} =$ _____

34) $2\frac{1}{6} \div 9\frac{5}{6} =$ _____

35) $7\frac{7}{10} - 4\frac{8}{10} =$ _____

36) $5\frac{2}{9} \div 5\frac{1}{9} =$ _____

37) $7\frac{1}{3} - 1\frac{2}{3} =$ _____

38) $3\frac{2}{4} - 2\frac{3}{4} =$ _____

39) $8\frac{1}{2} - 6\frac{1}{2} =$ _____

40) $9\frac{6}{9} - 8\frac{8}{9} =$ _____

41) $9\frac{8}{12} - 3\frac{10}{12} =$ _____

42) $1\frac{5}{7} \div 7\frac{1}{7} =$ _____

43) $9\frac{3}{8} \times 2\frac{7}{8} =$ _____

44) $2\frac{2}{5} + 7\frac{2}{5} =$ _____

45) $8\frac{3}{6} - 7\frac{5}{6} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Addition

Calculate.

1) $5\frac{4}{12} + 9\frac{1}{6} =$ _____
2) $9\frac{2}{5} + 7\frac{1}{2} =$ _____
3) $9\frac{1}{8} + 6\frac{1}{10} =$ _____
4) $5\frac{1}{4} + 1\frac{7}{9} =$ _____
5) $8\frac{1}{3} + 1\frac{5}{7} =$ _____
6) $6\frac{6}{7} + 9\frac{3}{9} =$ _____
7) $4\frac{2}{5} + 2\frac{9}{11} =$ _____
8) $2\frac{2}{4} + 9\frac{9}{10} =$ _____
9) $2\frac{11}{12} + 7\frac{2}{8} =$ _____
10) $6\frac{1}{2} + 5\frac{2}{3} =$ _____
11) $9\frac{1}{6} + 1\frac{4}{12} =$ _____
12) $6\frac{7}{10} + 9\frac{3}{9} =$ _____
13) $4\frac{1}{3} + 2\frac{1}{8} =$ _____
14) $1\frac{4}{7} + 3\frac{3}{5} =$ _____
15) $1\frac{3}{4} + 1\frac{8}{11} =$ _____
16) $5\frac{1}{2} + 6\frac{1}{6} =$ _____
17) $2\frac{4}{5} + 2\frac{1}{2} =$ _____
18) $2\frac{1}{4} + 9\frac{5}{12} =$ _____
19) $2\frac{9}{11} + 5\frac{6}{10} =$ _____
20) $8\frac{4}{6} + 6\frac{1}{3} =$ _____
21) $4\frac{5}{9} + 9\frac{6}{7} =$ _____
22) $8\frac{7}{8} + 4\frac{3}{4} =$ _____
23) $1\frac{2}{9} + 4\frac{2}{3} =$ _____
24) $7\frac{5}{12} + 2\frac{3}{8} =$ _____
25) $6\frac{2}{11} + 1\frac{3}{6} =$ _____
26) $9\frac{3}{10} + 9\frac{3}{7} =$ _____
27) $1\frac{1}{2} + 7\frac{3}{5} =$ _____
28) $5\frac{4}{6} + 1\frac{2}{5} =$ _____
29) $4\frac{4}{11} + 3\frac{4}{7} =$ _____
30) $1\frac{1}{3} + 5\frac{9}{12} =$ _____
31) $3\frac{3}{4} + 1\frac{7}{10} =$ _____
32) $8\frac{6}{9} + 6\frac{1}{8} =$ _____
33) $1\frac{1}{2} + 4\frac{8}{11} =$ _____
34) $5\frac{3}{5} + 2\frac{2}{4} =$ _____
35) $7\frac{7}{8} + 2\frac{2}{7} =$ _____
36) $6\frac{5}{12} + 4\frac{1}{2} =$ _____
37) $6\frac{2}{9} + 7\frac{1}{3} =$ _____
38) $8\frac{4}{10} + 9\frac{1}{6} =$ _____
39) $9\frac{2}{9} + 4\frac{7}{8} =$ _____
40) $2\frac{2}{3} + 5\frac{5}{12} =$ _____
41) $1\frac{5}{10} + 8\frac{1}{11} =$ _____
42) $9\frac{4}{5} + 9\frac{2}{7} =$ _____
43) $7\frac{5}{6} + 8\frac{3}{4} =$ _____
44) $5\frac{1}{2} + 9\frac{3}{4} =$ _____
45) $6\frac{2}{9} + 7\frac{1}{11} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Subtraction

Calculate.

1) $9\frac{2}{4} - 5\frac{1}{3} =$ _____
2) $6\frac{1}{10} - 1\frac{2}{7} =$ _____
3) $7\frac{3}{4} - 5\frac{6}{8} =$ _____
4) $5\frac{3}{9} - 3\frac{11}{12} =$ _____
5) $4\frac{3}{5} - 3\frac{7}{11} =$ _____
6) $7\frac{1}{6} - 6\frac{1}{2} =$ _____
7) $8\frac{3}{6} - 3\frac{2}{5} =$ _____
8) $9\frac{1}{12} - 8\frac{3}{11} =$ _____
9) $3\frac{4}{9} - 2\frac{7}{8} =$ _____
10) $7\frac{1}{4} - 3\frac{5}{10} =$ _____
11) $7\frac{4}{7} - 1\frac{1}{2} =$ _____
12) $5\frac{2}{3} - 1\frac{2}{6} =$ _____
13) $8\frac{6}{10} - 7\frac{8}{12} =$ _____
14) $3\frac{7}{9} - 1\frac{5}{8} =$ _____
15) $8\frac{4}{5} - 4\frac{3}{4} =$ _____
16) $9\frac{2}{3} - 5\frac{1}{7} =$ _____
17) $8\frac{6}{11} - 4\frac{1}{2} =$ _____
18) $9\frac{9}{12} - 8\frac{2}{9} =$ _____
19) $6\frac{4}{5} - 1\frac{4}{6} =$ _____
20) $7\frac{6}{8} - 6\frac{1}{10} =$ _____
21) $6\frac{7}{12} - 3\frac{1}{3} =$ _____
22) $9\frac{3}{7} - 4\frac{9}{11} =$ _____
23) $7\frac{1}{2} - 4\frac{1}{4} =$ _____
24) $8\frac{2}{3} - 8\frac{3}{9} =$ _____
25) $8\frac{4}{5} - 4\frac{4}{8} =$ _____
26) $9\frac{3}{4} - 8\frac{1}{2} =$ _____
27) $8\frac{1}{12} - 7\frac{8}{11} =$ _____
28) $4\frac{1}{10} - 2\frac{6}{9} =$ _____
29) $5\frac{2}{3} - 1\frac{3}{5} =$ _____
30) $9\frac{1}{12} - 1\frac{1}{7} =$ _____
31) $8\frac{6}{8} - 8\frac{1}{2} =$ _____
32) $9\frac{3}{4} - 7\frac{2}{6} =$ _____
33) $9\frac{3}{5} - 8\frac{3}{4} =$ _____
34) $4\frac{1}{2} - 2\frac{7}{8} =$ _____
35) $8\frac{2}{3} - 5\frac{9}{12} =$ _____
36) $9\frac{5}{6} - 8\frac{8}{9} =$ _____
37) $9\frac{3}{10} - 3\frac{5}{11} =$ _____
38) $9\frac{4}{7} - 5\frac{3}{4} =$ _____
39) $6\frac{1}{5} - 3\frac{5}{9} =$ _____
40) $5\frac{2}{7} - 3\frac{2}{10} =$ _____
41) $3\frac{1}{8} - 2\frac{1}{3} =$ _____
42) $3\frac{5}{8} - 3\frac{5}{10} =$ _____
43) $8\frac{2}{4} - 7\frac{6}{9} =$ _____
44) $7\frac{2}{3} - 6\frac{4}{12} =$ _____
45) $9\frac{6}{11} - 3\frac{2}{5} =$ _____
46) $7\frac{1}{2} - 5\frac{1}{6} =$ _____
47) $9\frac{2}{3} - 4\frac{4}{8} =$ _____
48) $8\frac{1}{10} - 7\frac{9}{11} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Multiplication

Calculate.

1) $2\frac{2}{8} \times 2\frac{4}{5} =$ _____
2) $3\frac{3}{6} \times 6\frac{2}{12} =$ _____
3) $8\frac{1}{3} \times 6\frac{6}{11} =$ _____
4) $7\frac{1}{4} \times 8\frac{1}{8} =$ _____
5) $3\frac{1}{5} \times 1\frac{6}{12} =$ _____
6) $1\frac{2}{11} \times 7\frac{1}{2} =$ _____
7) $5\frac{2}{6} \times 8\frac{2}{3} =$ _____
8) $2\frac{2}{9} \times 2\frac{3}{7} =$ _____
9) $7\frac{1}{10} \times 8\frac{2}{7} =$ _____
10) $4\frac{10}{12} \times 3\frac{2}{4} =$ _____
11) $3\frac{5}{8} \times 7\frac{2}{6} =$ _____
12) $5\frac{1}{2} \times 3\frac{10}{11} =$ _____
13) $5\frac{2}{3} \times 4\frac{7}{9} =$ _____
14) $7\frac{1}{5} \times 2\frac{5}{10} =$ _____
15) $1\frac{3}{11} \times 2\frac{3}{7} =$ _____
16) $3\frac{5}{6} \times 9\frac{3}{5} =$ _____
17) $5\frac{8}{10} \times 6\frac{2}{3} =$ _____
18) $7\frac{8}{12} \times 7\frac{1}{2} =$ _____
19) $2\frac{2}{8} \times 6\frac{3}{9} =$ _____
20) $1\frac{2}{4} \times 9\frac{3}{9} =$ _____
21) $2\frac{1}{4} \times 4\frac{5}{7} =$ _____
22) $6\frac{4}{6} \times 3\frac{1}{2} =$ _____
23) $6\frac{3}{12} \times 5\frac{2}{11} =$ _____
24) $1\frac{1}{10} \times 4\frac{3}{8} =$ _____
25) $8\frac{2}{3} \times 9\frac{4}{5} =$ _____
26) $4\frac{2}{7} \times 8\frac{9}{12} =$ _____
27) $7\frac{1}{2} \times 7\frac{1}{4} =$ _____
28) $9\frac{1}{3} \times 8\frac{1}{5} =$ _____
29) $6\frac{2}{8} \times 1\frac{8}{9} =$ _____
30) $8\frac{1}{11} \times 2\frac{2}{10} =$ _____
31) $8\frac{2}{6} \times 3\frac{3}{12} =$ _____
32) $5\frac{8}{9} \times 5\frac{5}{7} =$ _____
33) $5\frac{3}{5} \times 9\frac{1}{6} =$ _____
34) $2\frac{3}{4} \times 7\frac{1}{2} =$ _____
35) $2\frac{1}{3} \times 3\frac{8}{10} =$ _____
36) $6\frac{7}{11} \times 7\frac{6}{8} =$ _____
37) $1\frac{6}{11} \times 2\frac{1}{4} =$ _____
38) $2\frac{1}{2} \times 2\frac{2}{3} =$ _____
39) $9\frac{1}{5} \times 6\frac{1}{12} =$ _____
40) $5\frac{2}{6} \times 9\frac{1}{7} =$ _____
41) $7\frac{5}{9} \times 9\frac{7}{8} =$ _____
42) $3\frac{9}{10} \times 4\frac{8}{9} =$ _____
43) $1\frac{2}{3} \times 9\frac{4}{7} =$ _____
44) $9\frac{3}{6} \times 2\frac{2}{8} =$ _____
45) $7\frac{1}{4} \times 5\frac{5}{12} =$ _____
46) $9\frac{6}{11} \times 9\frac{1}{2} =$ _____
47) $5\frac{1}{5} \times 9\frac{6}{10} =$ _____
48) $6\frac{7}{8} \times 8\frac{1}{4} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Division

Calculate.

1) $5\frac{4}{6} \div 1\frac{3}{11} =$ _____
2) $4\frac{8}{9} \div 4\frac{2}{4} =$ _____
3) $7\frac{5}{7} \div 6\frac{2}{6} =$ _____
4) $5\frac{3}{4} \div 6\frac{1}{2} =$ _____
5) $6\frac{8}{9} \div 3\frac{2}{8} =$ _____
6) $1\frac{1}{3} \div 8\frac{10}{11} =$ _____
7) $3\frac{9}{12} \div 8\frac{5}{7} =$ _____
8) $1\frac{1}{10} \div 2\frac{2}{5} =$ _____
9) $8\frac{3}{9} \div 7\frac{1}{5} =$ _____
10) $2\frac{7}{11} \div 4\frac{3}{8} =$ _____
11) $2\frac{1}{10} \div 2\frac{1}{3} =$ _____
12) $1\frac{1}{6} \div 3\frac{1}{12} =$ _____
13) $6\frac{1}{2} \div 7\frac{3}{4} =$ _____
14) $8\frac{5}{7} \div 1\frac{3}{5} =$ _____
15) $8\frac{10}{11} \div 8\frac{5}{10} =$ _____
16) $6\frac{3}{6} \div 3\frac{4}{7} =$ _____
17) $5\frac{2}{4} \div 5\frac{6}{9} =$ _____
18) $3\frac{2}{5} \div 9\frac{1}{3} =$ _____
19) $6\frac{11}{12} \div 6\frac{1}{2} =$ _____
20) $7\frac{7}{8} \div 8\frac{1}{7} =$ _____
21) $7\frac{1}{5} \div 7\frac{4}{11} =$ _____
22) $7\frac{5}{10} \div 2\frac{10}{12} =$ _____
23) $9\frac{3}{9} \div 6\frac{1}{3} =$ _____
24) $4\frac{4}{6} \div 1\frac{3}{4} =$ _____
25) $7\frac{7}{8} \div 5\frac{1}{2} =$ _____
26) $7\frac{6}{9} \div 4\frac{1}{2} =$ _____
27) $4\frac{1}{5} \div 2\frac{2}{8} =$ _____
28) $1\frac{6}{7} \div 8\frac{2}{3} =$ _____
29) $8\frac{8}{10} \div 9\frac{10}{12} =$ _____
30) $2\frac{9}{11} \div 2\frac{2}{6} =$ _____
31) $9\frac{3}{4} \div 7\frac{1}{2} =$ _____
32) $6\frac{7}{10} \div 9\frac{5}{8} =$ _____
33) $8\frac{1}{4} \div 1\frac{2}{7} =$ _____
34) $8\frac{4}{11} \div 3\frac{2}{5} =$ _____
35) $1\frac{2}{3} \div 4\frac{4}{6} =$ _____
36) $9\frac{9}{12} \div 4\frac{2}{9} =$ _____
37) $6\frac{5}{9} \div 3\frac{1}{2} =$ _____
38) $2\frac{9}{12} \div 8\frac{6}{11} =$ _____
39) $6\frac{2}{3} \div 5\frac{1}{6} =$ _____
40) $7\frac{1}{5} \div 9\frac{4}{7} =$ _____
41) $4\frac{3}{8} \div 6\frac{1}{4} =$ _____
42) $6\frac{1}{10} \div 6\frac{5}{9} =$ _____
43) $6\frac{2}{3} \div 5\frac{5}{7} =$ _____
44) $2\frac{2}{5} \div 3\frac{6}{11} =$ _____
45) $8\frac{1}{4} \div 6\frac{2}{6} =$ _____
46) $4\frac{5}{12} \div 4\frac{9}{10} =$ _____
47) $2\frac{1}{2} \div 6\frac{3}{8} =$ _____
48) $5\frac{4}{7} \div 3\frac{1}{4} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions

Calculate.

1) $5\frac{4}{12} + 4\frac{2}{4} =$ _____
2) $8\frac{2}{9} - 7\frac{2}{3} =$ _____
3) $7\frac{1}{2} - 5\frac{2}{5} =$ _____
4) $9\frac{7}{8} \times 4\frac{2}{10} =$ _____
5) $6\frac{3}{5} + 9\frac{3}{7} =$ _____
6) $7\frac{2}{4} - 7\frac{2}{10} =$ _____
7) $8\frac{2}{9} - 7\frac{5}{8} =$ _____
8) $8\frac{1}{3} + 4\frac{1}{2} =$ _____
9) $4\frac{7}{12} \div 2\frac{1}{5} =$ _____
10) $9\frac{2}{11} \div 6\frac{6}{10} =$ _____
11) $8\frac{3}{7} + 7\frac{1}{3} =$ _____
12) $3\frac{4}{6} \times 7\frac{1}{2} =$ _____
13) $6\frac{5}{12} + 2\frac{1}{4} =$ _____
14) $3\frac{2}{8} \div 2\frac{6}{9} =$ _____
15) $4\frac{4}{9} \times 3\frac{2}{6} =$ _____
16) $4\frac{2}{3} \div 7\frac{10}{11} =$ _____
17) $8\frac{6}{10} + 3\frac{1}{2} =$ _____
18) $8\frac{7}{12} - 1\frac{7}{8} =$ _____
19) $8\frac{3}{7} - 6\frac{2}{5} =$ _____
20) $4\frac{3}{4} \times 2\frac{1}{7} =$ _____
21) $7\frac{2}{11} \div 5\frac{6}{9} =$ _____
22) $1\frac{8}{10} \div 8\frac{2}{7} =$ _____
23) $9\frac{2}{3} - 8\frac{2}{4} =$ _____
24) $9\frac{2}{5} - 2\frac{1}{2} =$ _____
25) $8\frac{3}{8} \times 4\frac{1}{6} =$ _____
26) $2\frac{6}{12} \div 7\frac{6}{8} =$ _____
27) $6\frac{6}{9} \times 5\frac{4}{7} =$ _____
28) $7\frac{3}{10} \div 7\frac{2}{5} =$ _____
29) $5\frac{2}{4} \times 4\frac{9}{12} =$ _____
30) $7\frac{10}{11} + 2\frac{2}{3} =$ _____
31) $6\frac{1}{2} - 4\frac{1}{6} =$ _____
32) $6\frac{8}{10} - 1\frac{5}{12} =$ _____
33) $7\frac{10}{11} - 4\frac{2}{3} =$ _____
34) $9\frac{1}{5} - 7\frac{1}{4} =$ _____
35) $4\frac{1}{2} - 3\frac{2}{8} =$ _____
36) $2\frac{2}{7} \div 4\frac{4}{6} =$ _____
37) $5\frac{8}{9} + 2\frac{4}{11} =$ _____
38) $6\frac{1}{2} - 4\frac{4}{9} =$ _____
39) $4\frac{2}{3} \times 6\frac{4}{7} =$ _____
40) $3\frac{6}{12} \times 7\frac{5}{6} =$ _____
41) $8\frac{1}{4} + 3\frac{1}{8} =$ _____
42) $3\frac{6}{10} + 5\frac{2}{5} =$ _____
43) $5\frac{1}{2} \div 7\frac{1}{6} =$ _____
44) $5\frac{3}{11} \times 7\frac{2}{3} =$ _____
45) $7\frac{4}{7} + 6\frac{7}{8} =$ _____
46) $7\frac{4}{5} + 5\frac{1}{4} =$ _____
47) $9\frac{3}{10} \times 5\frac{2}{12} =$ _____
48) $1\frac{6}{9} + 4\frac{2}{3} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Multiplication with Whole Numbers 1

Multiply.

1) $\frac{10}{12}$ of 3 = _____
2) $\frac{2}{10}$ of 6 = _____
3) $\frac{6}{9}$ of 8 = _____
4) $\frac{5}{6}$ of 4 = _____
5) $\frac{2}{5}$ of 9 = _____
6) $\frac{6}{7}$ of 8 = _____
7) $\frac{7}{10}$ of 5 = _____
8) $\frac{1}{2}$ of 2 = _____
9) $\frac{7}{12}$ of 7 = _____
10) $\frac{4}{9}$ of 3 = _____
11) $\frac{3}{8}$ of 4 = _____
12) $\frac{3}{11}$ of 5 = _____
13) $\frac{1}{4}$ of 7 = _____
14) $\frac{1}{3}$ of 7 = _____
15) $\frac{5}{9}$ of 6 = _____
16) $\frac{5}{10}$ of 7 = _____
17) $\frac{4}{6}$ of 9 = _____
18) $\frac{4}{12}$ of 7 = _____
19) $\frac{9}{11}$ of 4 = _____
20) $\frac{2}{3}$ of 6 = _____
21) $\frac{4}{8}$ of 8 = _____
22) $\frac{1}{2}$ of 6 = _____
23) $\frac{4}{5}$ of 9 = _____
24) $\frac{5}{7}$ of 1 = _____
25) $\frac{3}{4}$ of 2 = _____
26) $\frac{6}{12}$ of 5 = _____
27) $\frac{5}{8}$ of 7 = _____
28) $\frac{2}{11}$ of 6 = _____
29) $\frac{2}{5}$ of 8 = _____
30) $\frac{3}{6}$ of 3 = _____
31) $\frac{7}{9}$ of 8 = _____
32) $\frac{2}{4}$ of 1 = _____
33) $\frac{1}{3}$ of 8 = _____
34) $\frac{1}{2}$ of 8 = _____
35) $\frac{3}{7}$ of 3 = _____
36) $\frac{1}{8}$ of 8 = _____
37) $\frac{5}{7}$ of 6 = _____
38) $\frac{1}{12}$ of 6 = _____
39) $\frac{3}{4}$ of 4 = _____
40) $\frac{1}{9}$ of 3 = _____
41) $\frac{1}{2}$ of 4 = _____
42) $\frac{1}{10}$ of 9 = _____
43) $\frac{1}{6}$ of 1 = _____
44) $\frac{6}{11}$ of 2 = _____
45) $\frac{1}{4}$ of 3 = _____
46) $\frac{8}{9}$ of 6 = _____
47) $\frac{2}{11}$ of 7 = _____
48) $\frac{10}{12}$ of 9 = _____
49) $\frac{1}{2}$ of 1 = _____
50) $\frac{4}{5}$ of 3 = _____
51) $\frac{3}{8}$ of 8 = _____
52) $\frac{9}{10}$ of 2 = _____
53) $\frac{3}{7}$ of 5 = _____
54) $\frac{2}{3}$ of 9 = _____
55) $\frac{4}{12}$ of 4 = _____
56) $\frac{4}{6}$ of 5 = _____
57) $\frac{8}{9}$ of 1 = _____
58) $\frac{5}{10}$ of 4 = _____
59) $\frac{1}{5}$ of 3 = _____
60) $\frac{2}{3}$ of 5 = _____

Name:_____ Class:_____ Date:____/____/_____

Multiplication with Whole Numbers 2

Multiply.

1) $9 \times \frac{4}{5} =$ _____
2) $1 \times \frac{2}{3} =$ _____
3) $8 \times \frac{3}{12} =$ _____
4) $1 \times \frac{3}{11} =$ _____
5) $3 \times \frac{2}{6} =$ _____
6) $5 \times \frac{7}{10} =$ _____
7) $4 \times \frac{3}{6} =$ _____
8) $7 \times \frac{3}{8} =$ _____
9) $1 \times \frac{2}{12} =$ _____
10) $5 \times \frac{1}{2} =$ _____
11) $9 \times \frac{3}{4} =$ _____
12) $6 \times \frac{2}{3} =$ _____
13) $7 \times \frac{5}{7} =$ _____
14) $7 \times \frac{2}{11} =$ _____
15) $7 \times \frac{4}{9} =$ _____
16) $5 \times \frac{1}{5} =$ _____
17) $8 \times \frac{2}{10} =$ _____
18) $3 \times \frac{4}{12} =$ _____
19) $1 \times \frac{6}{7} =$ _____
20) $8 \times \frac{5}{11} =$ _____
21) $2 \times \frac{3}{6} =$ _____
22) $9 \times \frac{3}{9} =$ _____
23) $3 \times \frac{9}{10} =$ _____
24) $6 \times \frac{3}{4} =$ _____
25) $4 \times \frac{6}{8} =$ _____
26) $5 \times \frac{2}{5} =$ _____
27) $6 \times \frac{1}{2} =$ _____
28) $1 \times \frac{2}{3} =$ _____
29) $2 \times \frac{1}{3} =$ _____
30) $5 \times \frac{2}{5} =$ _____
31) $5 \times \frac{6}{9} =$ _____
32) $5 \times \frac{6}{10} =$ _____
33) $2 \times \frac{3}{11} =$ _____
34) $7 \times \frac{5}{12} =$ _____
35) $9 \times \frac{1}{2} =$ _____
36) $1 \times \frac{5}{7} =$ _____
37) $3 \times \frac{3}{6} =$ _____
38) $7 \times \frac{1}{8} =$ _____
39) $6 \times \frac{2}{4} =$ _____
40) $5 \times \frac{6}{10} =$ _____
41) $5 \times \frac{11}{12} =$ _____
42) $1 \times \frac{1}{4} =$ _____
43) $6 \times \frac{2}{8} =$ _____
44) $5 \times \frac{3}{5} =$ _____
45) $3 \times \frac{2}{7} =$ _____
46) $8 \times \frac{10}{11} =$ _____
47) $9 \times \frac{6}{9} =$ _____
48) $9 \times \frac{1}{2} =$ _____
49) $7 \times \frac{3}{6} =$ _____
50) $7 \times \frac{2}{3} =$ _____
51) $1 \times \frac{9}{10} =$ _____
52) $7 \times \frac{4}{8} =$ _____
53) $4 \times \frac{3}{5} =$ _____
54) $5 \times \frac{5}{6} =$ _____
55) $8 \times \frac{7}{12} =$ _____
56) $7 \times \frac{2}{4} =$ _____
57) $8 \times \frac{1}{2} =$ _____
58) $2 \times \frac{4}{7} =$ _____
59) $6 \times \frac{5}{11} =$ _____
60) $6 \times \frac{1}{3} =$ _____

Name:_____ Class:_____ Date:____/____/_____

Multiplication with Whole Numbers 3

Multiply.

1) $\frac{2}{8}$ of 5 = _____
2) $4 \times \frac{5}{12}$ = _____
3) $4 \times \frac{6}{11}$ = _____
4) $\frac{5}{10}$ of 9 = _____
5) $2 \times \frac{1}{2}$ = _____
6) $\frac{2}{3}$ of 1 = _____
7) $7 \times \frac{3}{9}$ = _____
8) $\frac{2}{3}$ of 7 = _____
9) $7 \times \frac{5}{7}$ = _____
10) $3 \times \frac{6}{11}$ = _____
11) $7 \times \frac{1}{4}$ = _____
12) $8 \times \frac{1}{5}$ = _____
13) $2 \times \frac{1}{2}$ = _____
14) $\frac{6}{8}$ of 1 = _____
15) $8 \times \frac{7}{12}$ = _____
16) $3 \times \frac{2}{6}$ = _____
17) $6 \times \frac{6}{9}$ = _____
18) $7 \times \frac{3}{8}$ = _____
19) $6 \times \frac{10}{11}$ = _____
20) $9 \times \frac{1}{3}$ = _____
21) $\frac{1}{2}$ of 3 = _____
22) $\frac{2}{7}$ of 2 = _____
23) $\frac{2}{5}$ of 6 = _____
24) $5 \times \frac{3}{4}$ = _____
25) $1 \times \frac{6}{9}$ = _____
26) $2 \times \frac{1}{10}$ = _____
27) $3 \times \frac{2}{6}$ = _____
28) $\frac{4}{12}$ of 5 = _____
29) $\frac{11}{12}$ of 8 = _____
30) $\frac{1}{4}$ of 2 = _____
31) $8 \times \frac{5}{8}$ = _____
32) $\frac{2}{9}$ of 3 = _____
33) $4 \times \frac{6}{10}$ = _____
34) $9 \times \frac{2}{6}$ = _____
35) $9 \times \frac{4}{5}$ = _____
36) $\frac{1}{2}$ of 7 = _____
37) $8 \times \frac{6}{7}$ = _____
38) $\frac{2}{3}$ of 8 = _____
39) $8 \times \frac{1}{11}$ = _____
40) $2 \times \frac{1}{7}$ = _____
41) $\frac{2}{12}$ of 3 = _____
42) $\frac{3}{9}$ of 2 = _____
43) $4 \times \frac{6}{11}$ = _____
44) $5 \times \frac{1}{8}$ = _____
45) $9 \times \frac{1}{3}$ = _____
46) $\frac{4}{10}$ of 5 = _____
47) $2 \times \frac{1}{6}$ = _____
48) $\frac{1}{2}$ of 2 = _____
49) $\frac{1}{4}$ of 8 = _____
50) $2 \times \frac{2}{5}$ = _____
51) $\frac{1}{12}$ of 5 = _____
52) $\frac{3}{8}$ of 2 = _____
53) $5 \times \frac{2}{6}$ = _____
54) $3 \times \frac{1}{3}$ = _____
55) $\frac{3}{4}$ of 8 = _____
56) $\frac{5}{7}$ of 5 = _____
57) $7 \times \frac{4}{10}$ = _____
58) $\frac{1}{9}$ of 1 = _____
59) $\frac{3}{11}$ of 6 = _____
60) $\frac{1}{5}$ of 2 = _____

Name:_____ Class:_____ Date:____/____/_____

Order Fractional Values

Order the fractional values from least to greatest.

1) 0.733 · 86.7% · $\frac{4}{5}$

_____ < _____ < _____

2) $\frac{18}{66}$ · 26.5% · 0.268

_____ < _____ < _____

3) 25% · $\frac{2}{10}$ · 0.233

_____ < _____ < _____

4) $\frac{22}{9}$ · 2.5 · 248.1%

_____ < _____ < _____

5) 0.653 · 68.1% · $\frac{16}{24}$

_____ < _____ < _____

6) $1\frac{8}{11}$ · 1.773 · 175.8%

_____ < _____ < _____

7) $\frac{6}{21}$ · 0.27 · 26.2%

_____ < _____ < _____

8) 2.867 · $\frac{14}{5}$ · 273.3%

_____ < _____ < _____

9) $\frac{2}{10}$ · 16.7% · 0.233

_____ < _____ < _____

10) $\frac{4}{8}$ · 0.542 · 45.8%

_____ < _____ < _____

11) 76.9% · 0.787 · $\frac{28}{36}$

_____ < _____ < _____

12) 2.056 · $2\frac{1}{12}$ · 204.2%

_____ < _____ < _____

13) 116.7% · 1.222 · $1\frac{1}{3}$

_____ < _____ < _____

14) 216.7% · $\frac{9}{4}$ · 2.333

_____ < _____ < _____

15) $\frac{2}{8}$ · 0.188 · 20.8%

_____ < _____ < _____

16) $1\frac{7}{8}$ · 183.3% · 1.917

_____ < _____ < _____

17) $\frac{6}{27}$ · 0.21 · 20.4%

_____ < _____ < _____

18) $\frac{15}{10}$ · 1.467 · 145%

_____ < _____ < _____

19) 233.3% · $\frac{16}{7}$ · 2.357

_____ < _____ < _____

20) 1.556 · 177.8% · $1\frac{2}{3}$

_____ < _____ < _____

Name:_____ Class:_____ Date:____/____/_____

Simplifying Fractions 1

Simplify the fractions.

1) $\frac{25}{40}$ = ____ 2) $\frac{14}{42}$ = ____ 3) $\frac{14}{28}$ = ____ 4) $\frac{2}{6}$ = ____ 5) $\frac{2}{4}$ = ____ 6) $\frac{54}{66}$ = ____

7) $\frac{24}{48}$ = ____ 8) $\frac{14}{21}$ = ____ 9) $\frac{2}{12}$ = ____ 10) $\frac{9}{18}$ = ____ 11) $\frac{21}{63}$ = ____ 12) $\frac{36}{45}$ = ____

13) $\frac{9}{90}$ = ____ 14) $\frac{16}{28}$ = ____ 15) $\frac{9}{108}$ = ____ 16) $\frac{27}{33}$ = ____ 17) $\frac{6}{12}$ = ____ 18) $\frac{8}{16}$ = ____

19) $\frac{14}{77}$ = ____ 20) $\frac{15}{30}$ = ____ 21) $\frac{66}{72}$ = ____ 22) $\frac{14}{49}$ = ____ 23) $\frac{20}{45}$ = ____ 24) $\frac{35}{70}$ = ____

25) $\frac{7}{28}$ = ____ 26) $\frac{3}{6}$ = ____ 27) $\frac{30}{40}$ = ____ 28) $\frac{18}{30}$ = ____ 29) $\frac{3}{18}$ = ____ 30) $\frac{21}{28}$ = ____

31) $\frac{24}{72}$ = ____ 32) $\frac{4}{36}$ = ____ 33) $\frac{48}{56}$ = ____ 34) $\frac{10}{15}$ = ____ 35) $\frac{45}{90}$ = ____ 36) $\frac{24}{33}$ = ____

37) $\frac{8}{12}$ = ____ 38) $\frac{16}{22}$ = ____ 39) $\frac{4}{8}$ = ____ 40) $\frac{35}{84}$ = ____ 41) $\frac{16}{18}$ = ____ 42) $\frac{12}{24}$ = ____

43) $\frac{15}{21}$ = ____ 44) $\frac{12}{30}$ = ____ 45) $\frac{14}{35}$ = ____ 46) $\frac{4}{6}$ = ____ 47) $\frac{24}{60}$ = ____ 48) $\frac{14}{24}$ = ____

49) $\frac{27}{36}$ = ____ 50) $\frac{12}{48}$ = ____ 51) $\frac{8}{72}$ = ____ 52) $\frac{21}{42}$ = ____ 53) $\frac{18}{21}$ = ____ 54) $\frac{32}{40}$ = ____

55) $\frac{28}{32}$ = ____ 56) $\frac{12}{14}$ = ____ 57) $\frac{28}{48}$ = ____ 58) $\frac{16}{24}$ = ____ 59) $\frac{12}{18}$ = ____ 60) $\frac{32}{44}$ = ____

61) $\frac{21}{30}$ = ____ 62) $\frac{56}{72}$ = ____ 63) $\frac{6}{24}$ = ____ 64) $\frac{5}{10}$ = ____ 65) $\frac{30}{60}$ = ____ 66) $\frac{12}{44}$ = ____

67) $\frac{24}{40}$ = ____ 68) $\frac{40}{56}$ = ____ 69) $\frac{3}{30}$ = ____ 70) $\frac{24}{36}$ = ____ 71) $\frac{5}{15}$ = ____ 72) $\frac{15}{45}$ = ____

73) $\frac{21}{56}$ = ____ 74) $\frac{45}{72}$ = ____ 75) $\frac{16}{32}$ = ____ 76) $\frac{3}{27}$ = ____ 77) $\frac{12}{15}$ = ____ 78) $\frac{12}{42}$ = ____

79) $\frac{48}{66}$ = ____ 80) $\frac{45}{54}$ = ____ 81) $\frac{48}{96}$ = ____ 82) $\frac{18}{90}$ = ____ 83) $\frac{18}{66}$ = ____ 84) $\frac{36}{90}$ = ____

85) $\frac{6}{18}$ = ____ 86) $\frac{18}{81}$ = ____ 87) $\frac{12}{16}$ = ____ 88) $\frac{48}{72}$ = ____ 89) $\frac{12}{33}$ = ____ 90) $\frac{28}{63}$ = ____

91) $\frac{20}{28}$ = ____ 92) $\frac{10}{20}$ = ____ 93) $\frac{21}{35}$ = ____ 94) $\frac{72}{90}$ = ____ 95) $\frac{8}{24}$ = ____ 96) $\frac{45}{60}$ = ____

Name:_____ Class:_____ Date:____/____/_____

Simplifying Fractions 2

Simplify the fractions.

1) $\frac{520}{60}$ = _____ 2) $\frac{90}{21}$ = _____ 3) $\frac{48}{20}$ = _____ 4) $\frac{210}{28}$ = _____ 5) $\frac{318}{36}$ = _____

6) $\frac{44}{12}$ = _____ 7) $\frac{155}{25}$ = _____ 8) $\frac{207}{63}$ = _____ 9) $\frac{378}{48}$ = _____ 10) $\frac{99}{18}$ = _____

11) $\frac{144}{44}$ = _____ 12) $\frac{378}{90}$ = _____ 13) $\frac{117}{36}$ = _____ 14) $\frac{707}{84}$ = _____ 15) $\frac{133}{42}$ = _____

16) $\frac{336}{36}$ = _____ 17) $\frac{324}{40}$ = _____ 18) $\frac{355}{45}$ = _____ 19) $\frac{185}{25}$ = _____ 20) $\frac{265}{35}$ = _____

21) $\frac{126}{27}$ = _____ 22) $\frac{165}{36}$ = _____ 23) $\frac{315}{42}$ = _____ 24) $\frac{63}{14}$ = _____ 25) $\frac{624}{88}$ = _____

26) $\frac{30}{8}$ = _____ 27) $\frac{186}{48}$ = _____ 28) $\frac{335}{50}$ = _____ 29) $\frac{136}{16}$ = _____ 30) $\frac{117}{18}$ = _____

31) $\frac{402}{72}$ = _____ 32) $\frac{357}{42}$ = _____ 33) $\frac{96}{18}$ = _____ 34) $\frac{675}{99}$ = _____ 35) $\frac{348}{48}$ = _____

36) $\frac{603}{81}$ = _____ 37) $\frac{126}{30}$ = _____ 38) $\frac{396}{42}$ = _____ 39) $\frac{504}{90}$ = _____ 40) $\frac{351}{36}$ = _____

41) $\frac{531}{63}$ = _____ 42) $\frac{304}{96}$ = _____ 43) $\frac{138}{48}$ = _____ 44) $\frac{39}{6}$ = _____ 45) $\frac{80}{12}$ = _____

46) $\frac{145}{15}$ = _____ 47) $\frac{132}{27}$ = _____ 48) $\frac{230}{55}$ = _____ 49) $\frac{138}{15}$ = _____ 50) $\frac{612}{72}$ = _____

51) $\frac{104}{16}$ = _____ 52) $\frac{138}{18}$ = _____ 53) $\frac{300}{54}$ = _____ 54) $\frac{66}{14}$ = _____ 55) $\frac{490}{84}$ = _____

56) $\frac{106}{20}$ = _____ 57) $\frac{344}{40}$ = _____ 58) $\frac{738}{99}$ = _____ 59) $\frac{300}{48}$ = _____ 60) $\frac{224}{42}$ = _____

61) $\frac{69}{9}$ = _____ 62) $\frac{161}{35}$ = _____ 63) $\frac{52}{8}$ = _____ 64) $\frac{195}{40}$ = _____ 65) $\frac{212}{36}$ = _____

66) $\frac{198}{21}$ = _____ 67) $\frac{651}{70}$ = _____ 68) $\frac{99}{36}$ = _____ 69) $\frac{148}{44}$ = _____ 70) $\frac{92}{24}$ = _____

71) $\frac{350}{60}$ = _____ 72) $\frac{364}{77}$ = _____ 73) $\frac{104}{20}$ = _____ 74) $\frac{455}{49}$ = _____ 75) $\frac{150}{24}$ = _____

76) $\frac{232}{72}$ = _____ 77) $\frac{873}{90}$ = _____ 78) $\frac{108}{24}$ = _____ 79) $\frac{68}{12}$ = _____ 80) $\frac{15}{6}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Simplifying Fractions 3

Simplify the fractions.

1) $\frac{63}{9}$ = _____ 2) $\frac{132}{22}$ = _____ 3) $\frac{132}{36}$ = _____ 4) $\frac{210}{40}$ = _____ 5) $\frac{108}{12}$ = _____

6) $\frac{891}{99}$ = _____ 7) $\frac{114}{24}$ = _____ 8) $\frac{261}{27}$ = _____ 9) $\frac{252}{36}$ = _____ 10) $\frac{280}{49}$ = _____

11) $\frac{68}{8}$ = _____ 12) $\frac{72}{10}$ = _____ 13) $\frac{210}{66}$ = _____ 14) $\frac{270}{45}$ = _____ 15) $\frac{120}{24}$ = _____

16) $\frac{200}{50}$ = _____ 17) $\frac{152}{16}$ = _____ 18) $\frac{216}{54}$ = _____ 19) $\frac{135}{45}$ = _____ 20) $\frac{384}{44}$ = _____

21) $\frac{576}{96}$ = _____ 22) $\frac{270}{90}$ = _____ 23) $\frac{168}{56}$ = _____ 24) $\frac{119}{28}$ = _____ 25) $\frac{46}{6}$ = _____

26) $\frac{56}{8}$ = _____ 27) $\frac{380}{45}$ = _____ 28) $\frac{175}{35}$ = _____ 29) $\frac{90}{20}$ = _____ 30) $\frac{40}{16}$ = _____

31) $\frac{185}{40}$ = _____ 32) $\frac{288}{45}$ = _____ 33) $\frac{354}{72}$ = _____ 34) $\frac{396}{54}$ = _____ 35) $\frac{201}{33}$ = _____

36) $\frac{486}{54}$ = _____ 37) $\frac{330}{50}$ = _____ 38) $\frac{112}{12}$ = _____ 39) $\frac{140}{28}$ = _____ 40) $\frac{40}{8}$ = _____

41) $\frac{156}{18}$ = _____ 42) $\frac{308}{77}$ = _____ 43) $\frac{56}{28}$ = _____ 44) $\frac{320}{40}$ = _____ 45) $\frac{225}{24}$ = _____

46) $\frac{65}{15}$ = _____ 47) $\frac{656}{96}$ = _____ 48) $\frac{360}{90}$ = _____ 49) $\frac{24}{8}$ = _____ 50) $\frac{315}{45}$ = _____

51) $\frac{72}{24}$ = _____ 52) $\frac{290}{60}$ = _____ 53) $\frac{270}{54}$ = _____ 54) $\frac{378}{54}$ = _____ 55) $\frac{196}{28}$ = _____

56) $\frac{60}{30}$ = _____ 57) $\frac{360}{40}$ = _____ 58) $\frac{80}{16}$ = _____ 59) $\frac{40}{10}$ = _____ 60) $\frac{504}{77}$ = _____

61) $\frac{455}{56}$ = _____ 62) $\frac{57}{6}$ = _____ 63) $\frac{455}{60}$ = _____ 64) $\frac{220}{44}$ = _____ 65) $\frac{54}{18}$ = _____

66) $\frac{366}{54}$ = _____ 67) $\frac{315}{35}$ = _____ 68) $\frac{172}{24}$ = _____ 69) $\frac{368}{64}$ = _____ 70) $\frac{99}{36}$ = _____

71) $\frac{116}{28}$ = _____ 72) $\frac{267}{30}$ = _____ 73) $\frac{150}{40}$ = _____ 74) $\frac{120}{15}$ = _____ 75) $\frac{220}{35}$ = _____

76) $\frac{85}{10}$ = _____ 77) $\frac{100}{12}$ = _____ 78) $\frac{729}{81}$ = _____ 79) $\frac{34}{6}$ = _____ 80) $\frac{280}{70}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Addition

Solve.

1) What is $\frac{2}{4}$ plus $\frac{1}{4}$?

_____

2) What is the sum of $\frac{7}{8}$ and $\frac{1}{6}$?

_____

3) Paul ran $\frac{1}{7}$ of a mile and then walked another $\frac{2}{8}$ of a mile. How far did he travel?

_____

4) A recipe calls for $\frac{7}{8}$ cups of white flour and $\frac{3}{4}$ cups of whole wheat flour. How much flour in total is needed for the recipe?

_____

5) Ellen cycled $\frac{2}{3}$ miles. She then stopped to have a snack. Then she cycled $\frac{2}{5}$ more miles. How far did Ellen cycle?

_____

6) If the sum of two fractions is $1\frac{1}{3}$ and the first fraction is $\frac{3}{6}$, what is the second fraction?

_____

7) Steven ran $\frac{1}{5}$ of a mile and then walked another $\frac{2}{3}$ of a mile. How far did he travel?

_____

8) A recipe calls for $\frac{1}{12}$ cups of white flour and $\frac{3}{6}$ cups of whole wheat flour. How much flour in total is needed for the recipe?

_____

9) Marin cycled $\frac{3}{6}$ miles. She then stopped to have a snack. Then she cycled $\frac{3}{8}$ more miles. How far did Marin cycle?

_____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Division

Solve.

1) Marcie bought 6 pounds of jelly beans. If she divides the jelly beans into $\frac{1}{2}$ pound portions, how many portions can she make?

_____

2) Donald has a rope that is 12 meters long? He cuts the rope into $\frac{1}{6}$ meter lengths. How many pieces of rope did he end up with?

_____

3) Sandra bought cheese that weighs $2\frac{1}{2}$ pounds. If she divides the cheese into $\frac{7}{9}$ pound portions, how many portions will she have?

_____

4) If you divide $\frac{2}{7}$ by $\frac{3}{7}$, what is the result?

_____

5) Jake is baking mini cakes. The recipe requires $\frac{10}{12}$ cups of sugar for each cake. How many cakes can he make if he has 6 cups of sugar on hand?

_____

6) If you divide the fraction $\frac{5}{10}$ by another fraction and the result is $\frac{5}{7}$, what is the value of the other fraction?

_____

7) Allan has a rope that is 12 meters long? He cuts the rope into $\frac{1}{3}$ meter lengths. How many pieces of rope did he end up with?

_____

8) If you divide $\frac{2}{11}$ by $\frac{2}{11}$, what is the result?

_____

9) If you divide the fraction $\frac{5}{7}$ by another fraction and the result is $\frac{5}{6}$, what is the value of the other fraction?

_____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Multiplication

Solve.

1) If you multiply $\frac{10}{12}$ by $\frac{1}{12}$, what is the result?

_____

2) What is the product of $\frac{3}{4}$ and $\frac{2}{4}$?

_____

3) There was $\frac{9}{10}$ of a pizza left in the fridge. Sharon ate $\frac{2}{10}$ of the leftover pizza. How much of the pizza did Sharon eat?

_____

4) To start getting in shape for the football team, Jennifer ran $\frac{7}{12}$ miles every day. How many miles did she run in 20 days?

_____

5) Michele buys a bag of 12 muffins. During the week she eats $\frac{1}{8}$ of the muffins. How many muffins did she eat?

_____

6) If $\frac{5}{7}$ is multiplied by another fraction the result is $\frac{10}{49}$. What is the value of the other fraction?

_____

7) What is the product of $\frac{2}{6}$ and $\frac{4}{6}$?

_____

8) If $\frac{1}{9}$ is multiplied by another fraction the result is $\frac{8}{81}$. What is the value of the other fraction?

_____

9) There was $\frac{2}{3}$ of a pizza left in the fridge. Billy ate $\frac{1}{3}$ of the leftover pizza. How much of the pizza did Billy eat?

_____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Subtraction

Solve.

1) Jake bought $\frac{6}{7}$ of a pound of jelly beans. He ate $\frac{5}{7}$ of a pound. How much was left?

_____

2) If you subtract $\frac{6}{10}$ from another fraction and the result is $\frac{1}{5}$, what was the other fraction?

_____

3) Marin bought $\frac{7}{8}$ of a pound of raisins. After eating some of the raisins there was $\frac{1}{8}$ of a pound left over. How much did Marin already eat?

_____

4) Marcie walked $\frac{3}{5}$ of a mile on Monday and walked $\frac{2}{5}$ of a mile on Tuesday. How much further did Marcie walk on Monday?

_____

5) Paul is working on a project that requires a piece of wire that is $\frac{9}{11}$ of a meter long. He has a longer piece of wire that he cuts and removes $\frac{1}{11}$ of a meter to make it the right size. How long was the original piece of wire?

_____

6) If you subtract $\frac{4}{8}$ from $\frac{6}{8}$ what is the result?

_____

7) What is $\frac{9}{10}$ minus $\frac{1}{10}$?

_____

8) Billy bought $\frac{4}{5}$ of a pound of jelly beans. He ate $\frac{2}{5}$ of a pound. How much was left?

_____

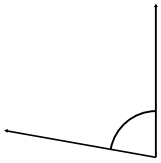
9) Janet walked $\frac{2}{3}$ of a mile on Monday and walked $\frac{1}{3}$ of a mile on Tuesday. How much further did Janet walk on Monday?

_____

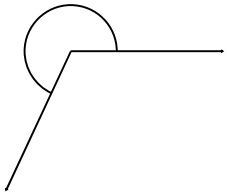
Name:_____ Class:_____ Date:____/____/_____

Angles 1

Classify and measure the angles.

1) 

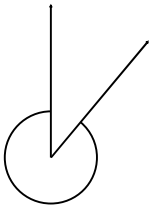
_____

2) 

_____

3)

_____

4) 

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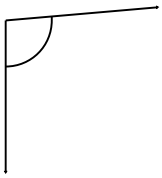
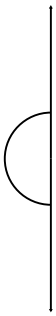
5) 

_____

6)

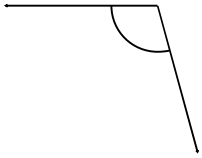
_____

7) 

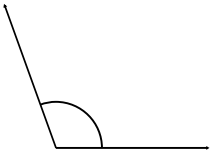
_____

8)

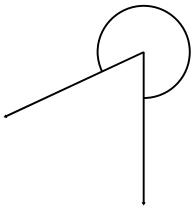
_____

9) 

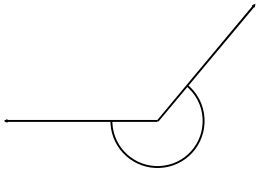
_____

10) 

_____

11) 

_____

12) 

_____

Name:_____ Class:_____ Date:____/____/_____

Angles 2

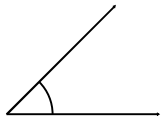
Classify and measure the angles.

1)

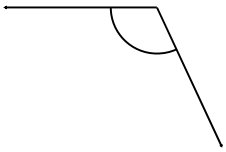
_____

2)

_____

3) 

_____

4) 

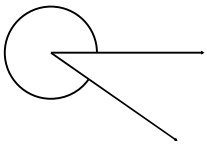
_____

5)

_____

6)

_____

7) 

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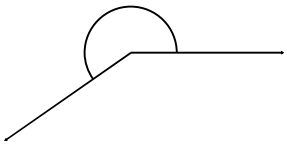
8) 

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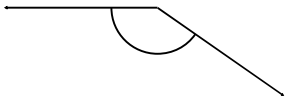
9) 

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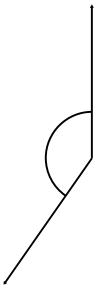
10) 

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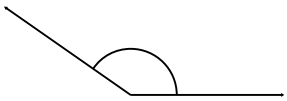
11) 

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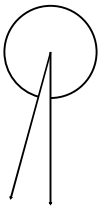
12) 

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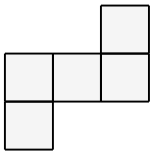
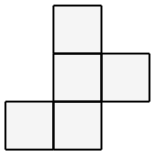
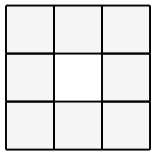
Name:_____ Class:_____ Date:____/____/_____

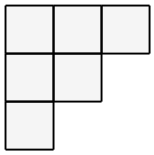
Perimeter Of Shapes

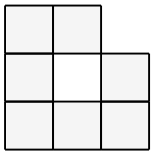
Find the perimeter of each shape.

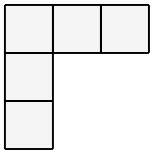
1) 

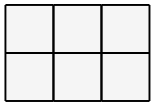
2) 

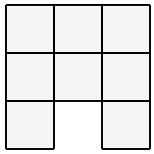
3) 

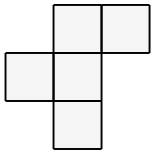
4) 

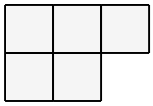
5) 

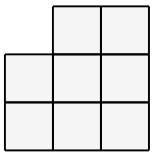
6) 

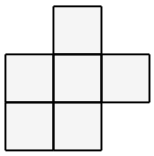
7) 

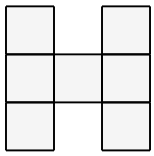
8) 

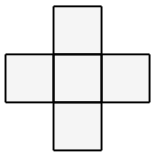
9) 

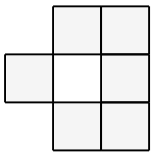
10) 

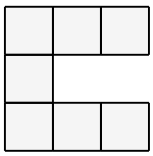
11) 

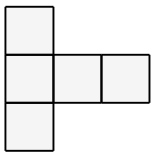
12) 

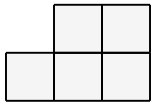
13) 

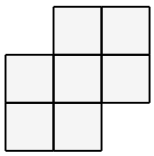
14) 

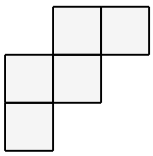
15) 

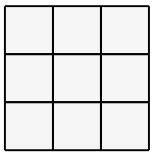
16) 

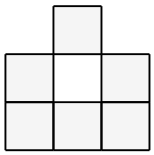
17) 

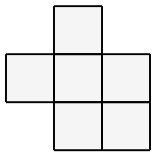
18) 

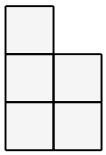
19) 

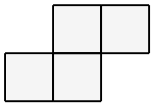
20) 

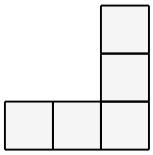
21) 

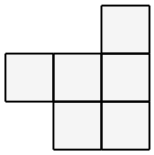
22) 

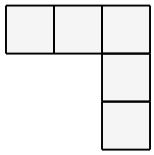
23) 

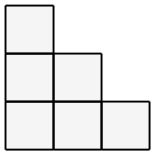
24) 

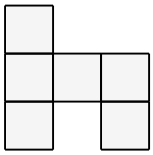
25) 

26) 

27) 

28) 

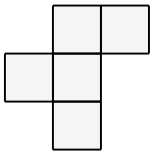
29) 

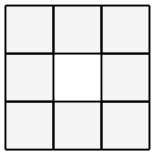
30) 

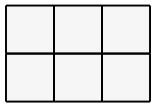
Name:_____ Class:_____ Date:____/____/_____

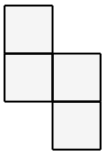
Area Of Shapes

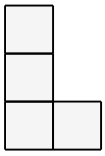
Find the area of each shape.

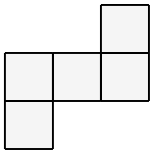
1) 

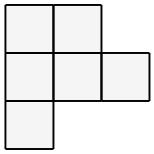
2) 

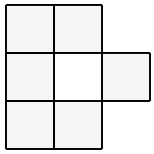
3) 

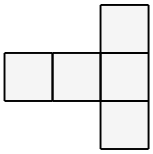
4) 

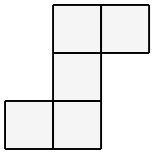
5) 

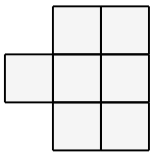
6) 

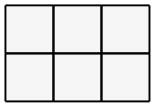
7) 

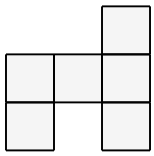
8) 

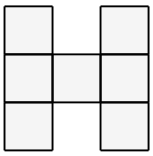
9) 

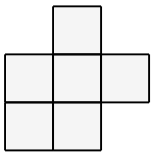
10) 

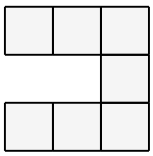
11) 

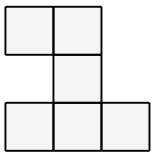
12) 

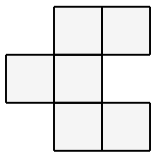
13) 

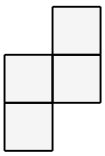
14) 

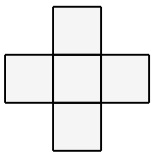
15) 

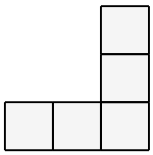
16) 

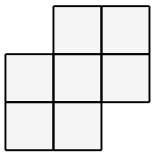
17) 

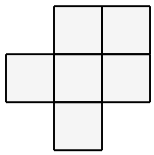
18) 

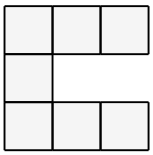
19) 

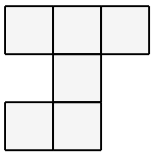
20) 

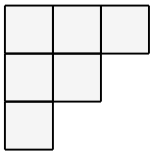
21) 

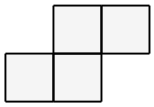
22) 

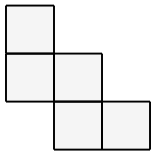
23) 

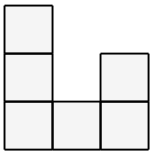
24) 

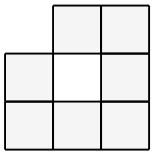
25) 

26) 

27) 

28) 

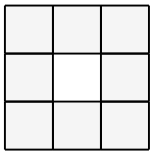
29) 

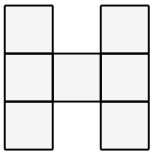
30) 

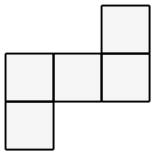
Name:_____ Class:_____ Date:____/____/_____

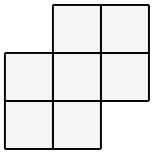
Perimeter And Area Of Shapes 1

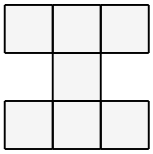
Find the perimeter and area of each shape.

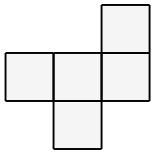
1) 

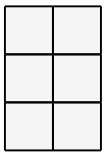
2) 

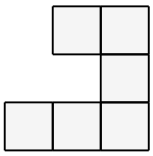
3) 

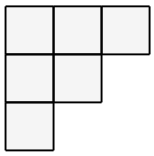
4) 

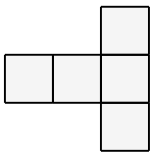
5) 

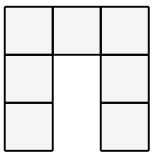
6) 

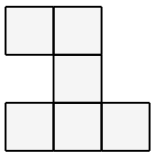
7) 

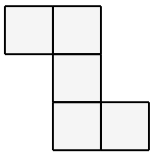
8) 

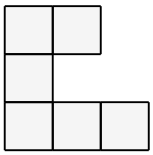
9) 

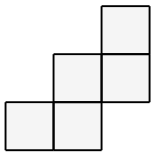
10) 

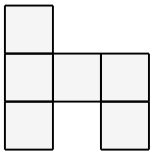
11) 

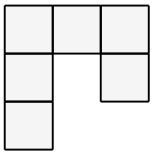
12) 

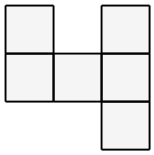
13) 

14) 

15) 

16) 

17) 

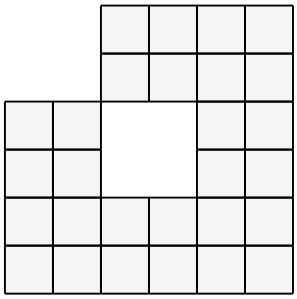
18) 

Name:_____ Class:_____ Date:____/____/_____

Perimeter And Area Of Shapes 2

Find the perimeter and area of each shape.

1)



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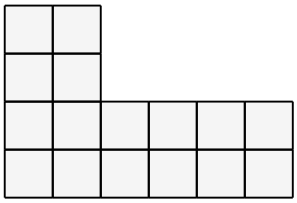

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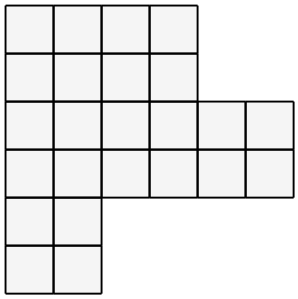
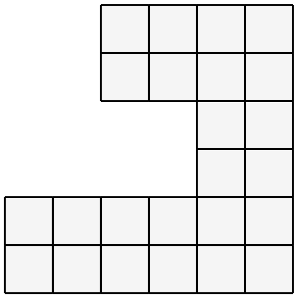
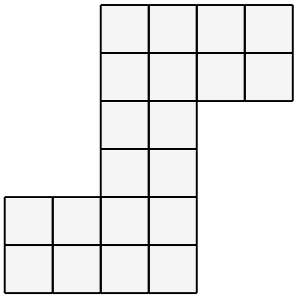


4)



5)



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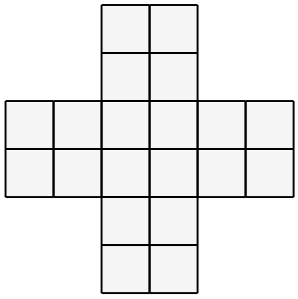

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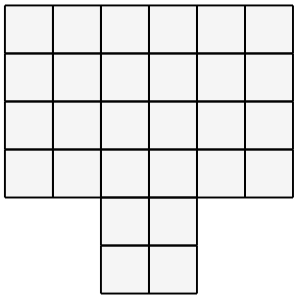

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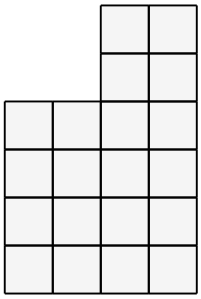

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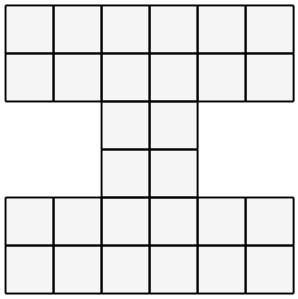

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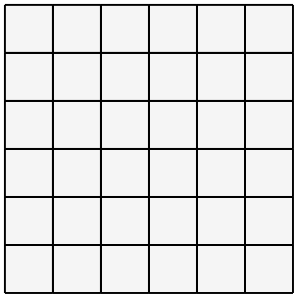

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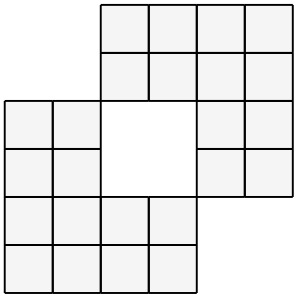

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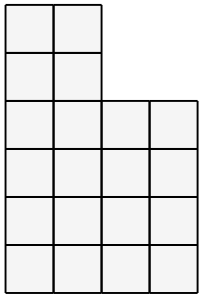
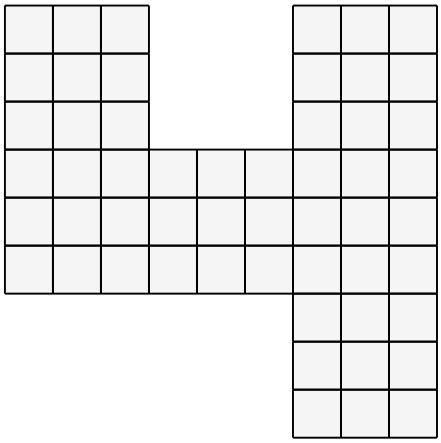


Name:_____ Class:_____ Date:____/____/_____

Perimeter And Area Of Shapes 3

Find the perimeter and area of each shape.

1)



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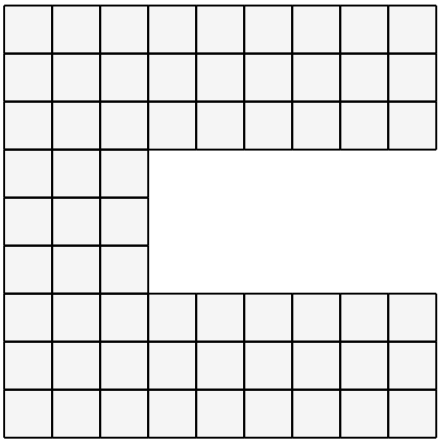
2)



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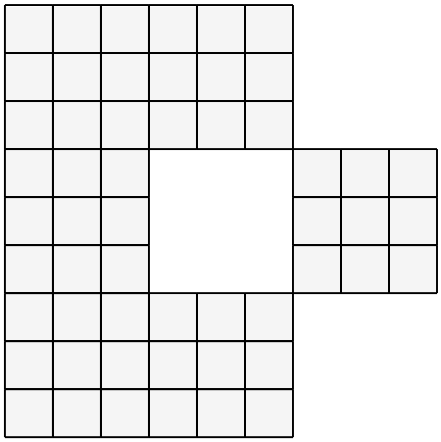
3)



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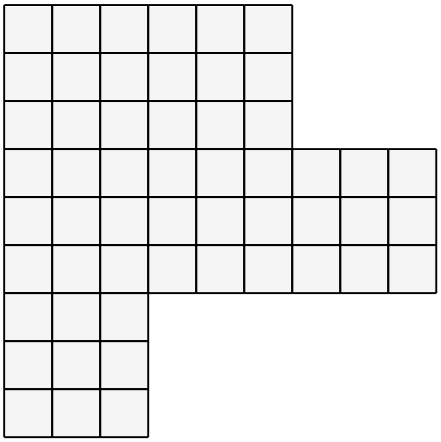

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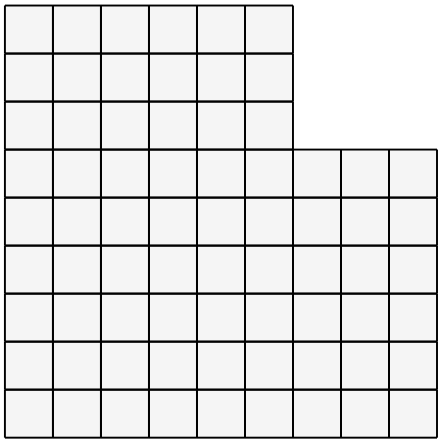
5)



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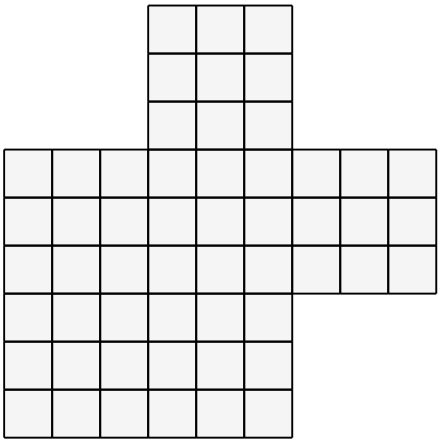

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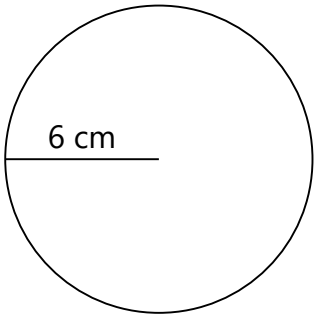
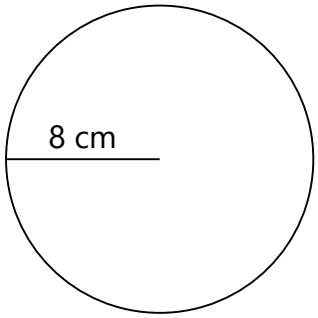
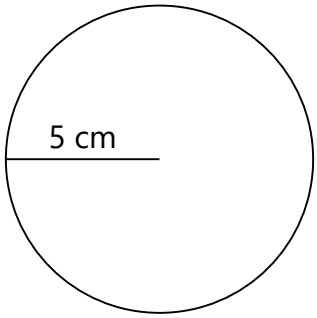
Name:_____ Class:_____ Date:____/____/_____

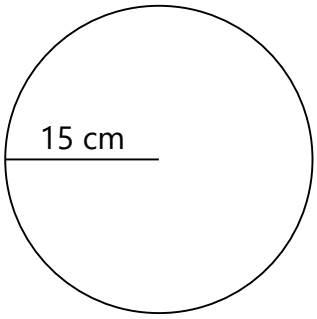
Circles Circumference

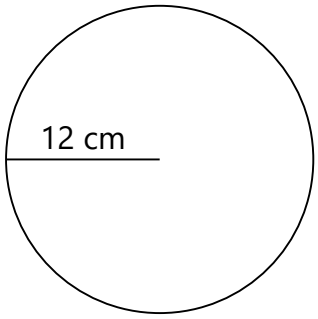
Calculate the circumference of each circle.

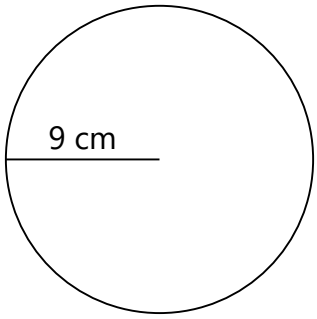
1) 

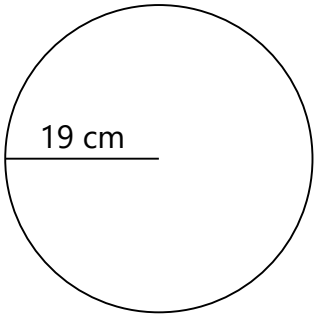
2) 

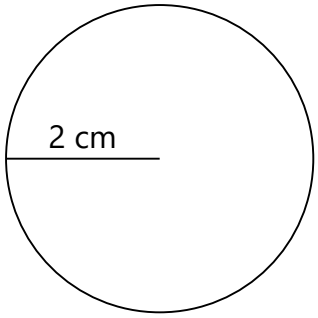
3) 

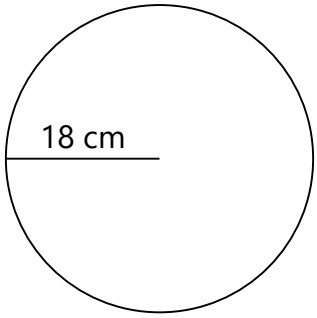
4) 

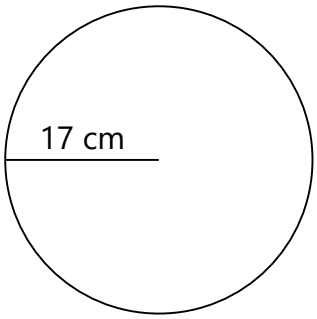
5) 

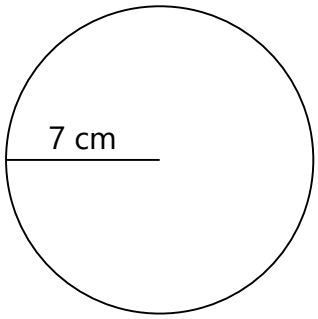
6) 

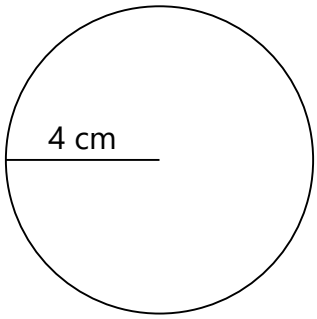
7) 

8) 

9) 

10) 

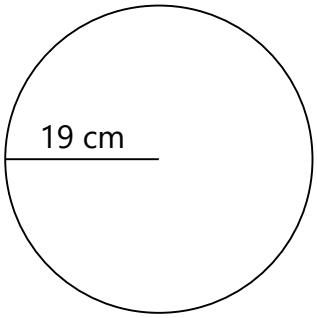
11) 

12) 

Name:_____ Class:_____ Date:____/____/_____

Circles Area

Calculate the area of each circle.

1) 

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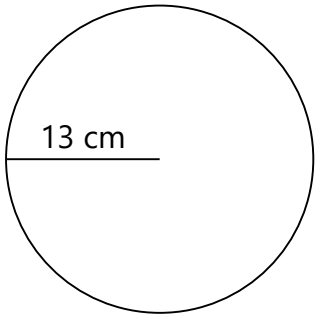
2) 

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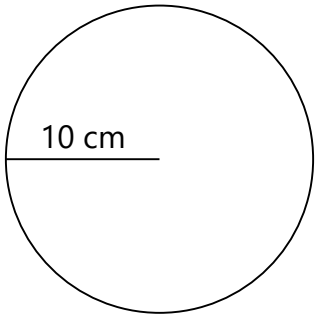
3) 

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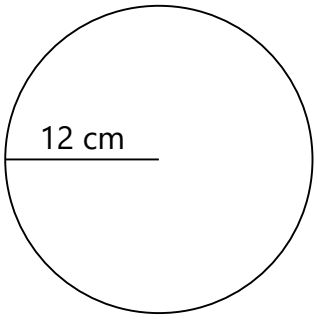
4) 

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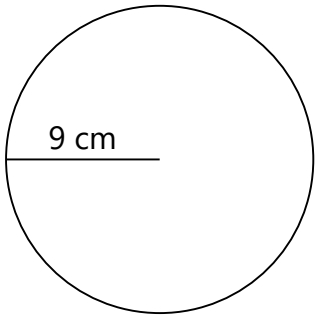
5) 

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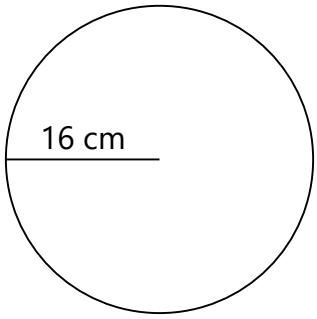
6) 

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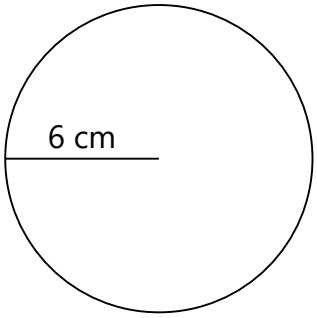
7) 

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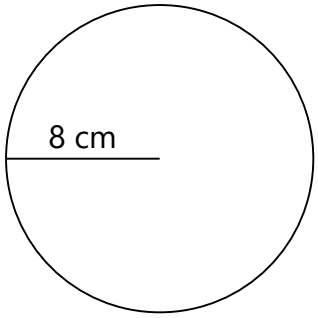
8) 

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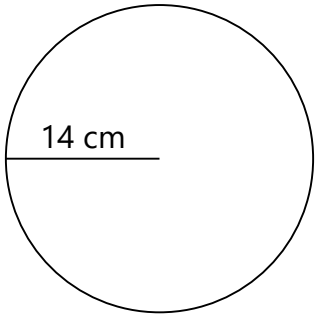
9) 

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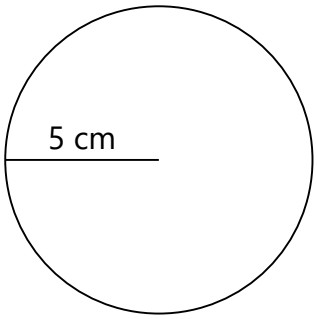
10) 

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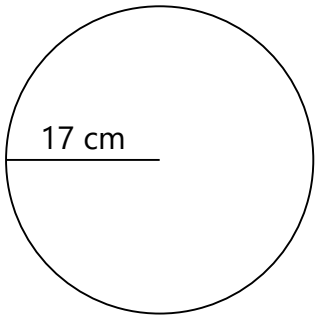
11) 

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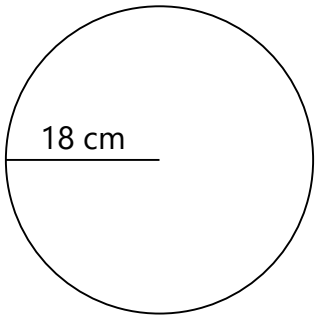
12) 

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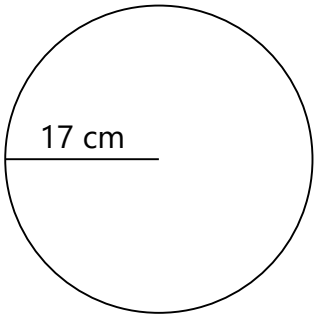
Name:_____ Class:_____ Date:____/____/_____

Circles Area And Circumference

Calculate the area and circumference of each circle.

1)



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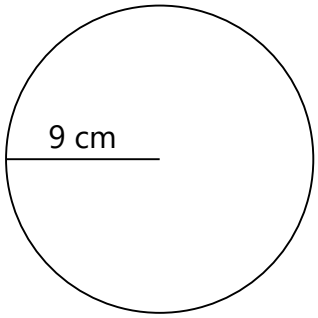

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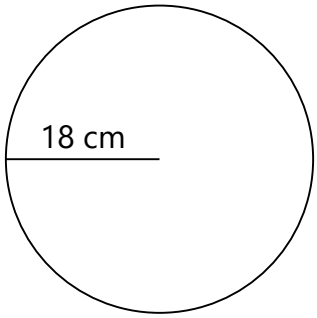

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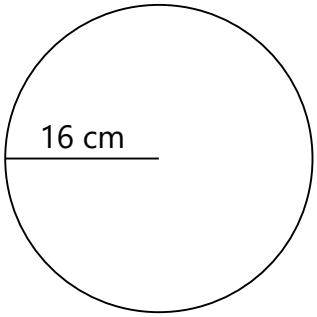

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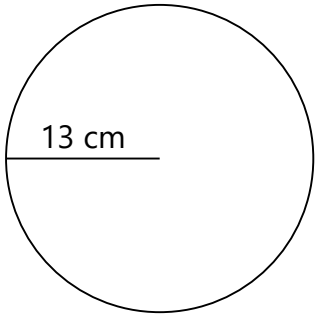

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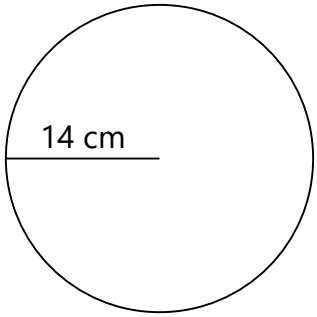

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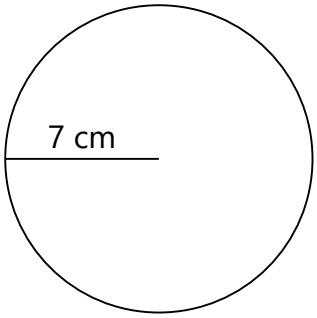

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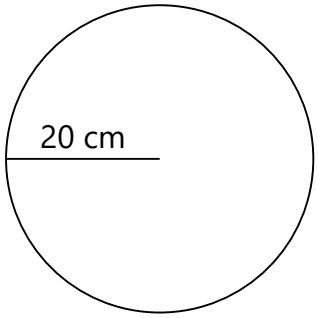

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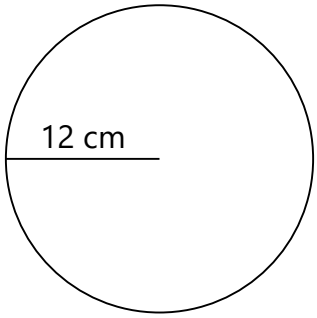

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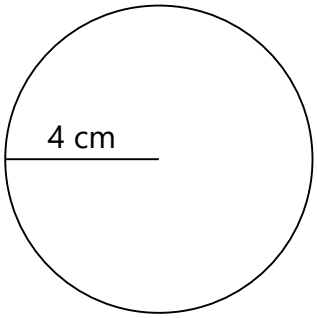

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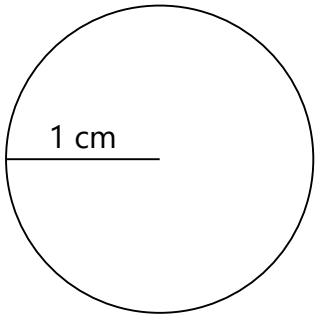

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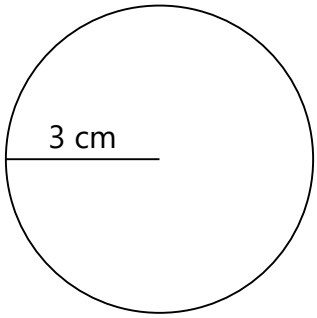


Measuring Lines

Measure the lines to the nearest millimetre.

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

Name:_____ Class:_____ Date:____/____/_____

Measuring Rectangles 1

Measure the size, perimeter and area of these rectangles.

1)

2)

3)

4)

5)

6)

7)

8)

Name:_____ Class:_____ Date:____/____/_____

Measuring Rectangles 2

Measure the size, perimeter and area of these rectangles.

1)

2)

3)

4)

5)

6)

7)

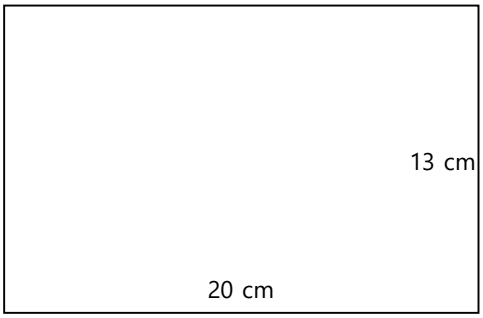
8)

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 1

Find the perimeter and area.

1)



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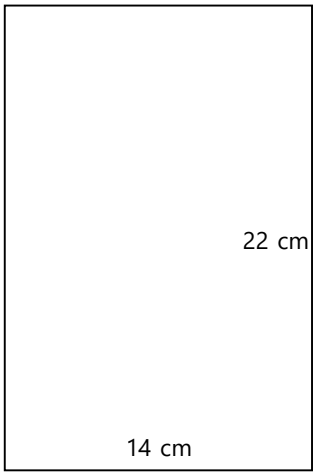
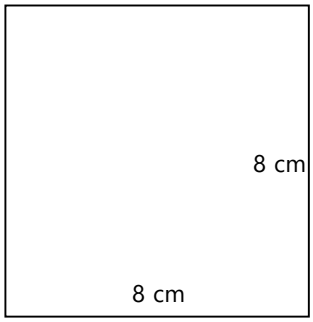
2)



_____

3)



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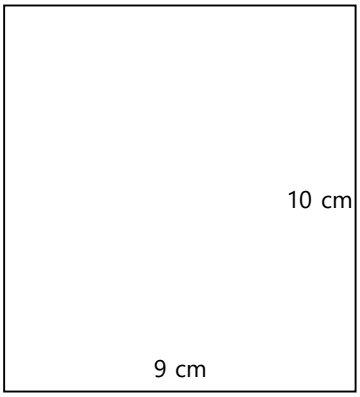
4)



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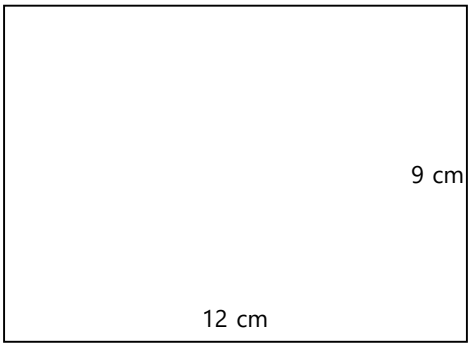
5)



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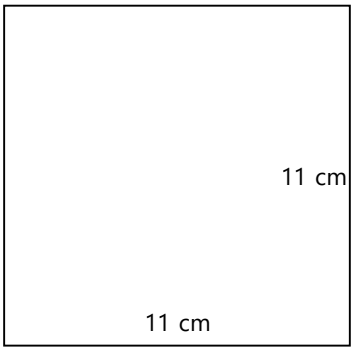
6)



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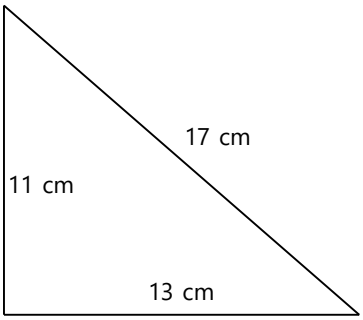
Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 2

Find the perimeter and area.

1)



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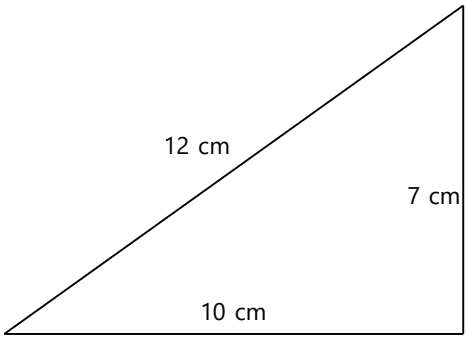
2)



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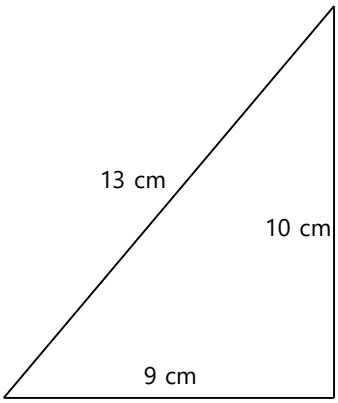
3)



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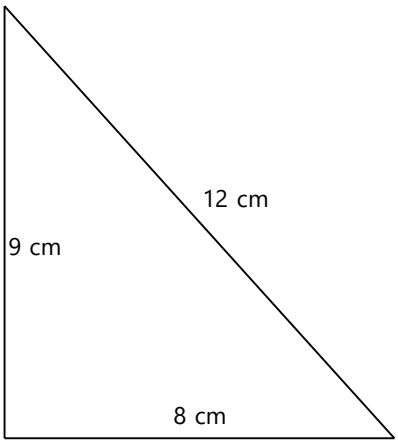
4)



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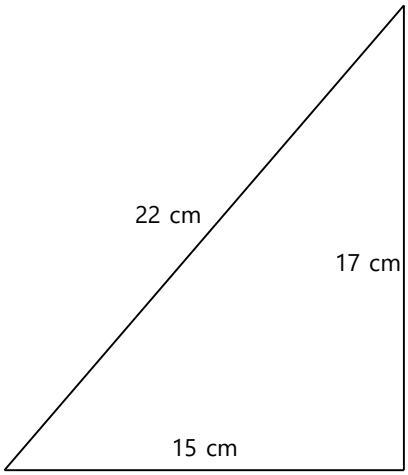
5)



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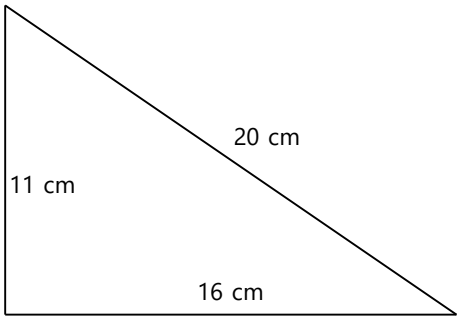
6)



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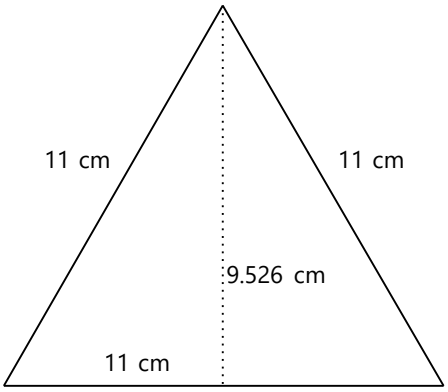
Name:_____ Class:_____ Date:____/____/_____

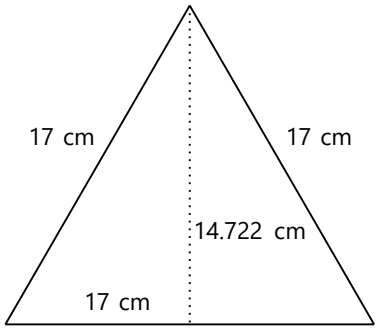
Perimeter and Area 3

Find the perimeter and area.

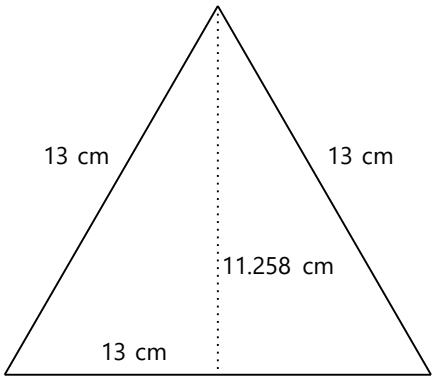
1)



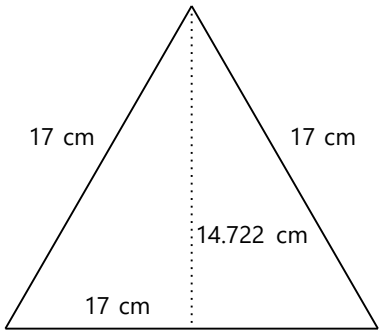
2)



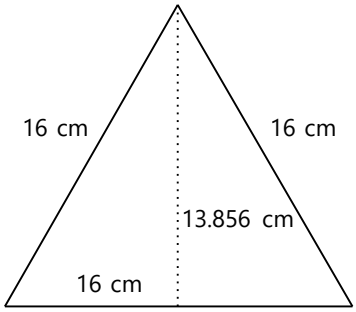
3)



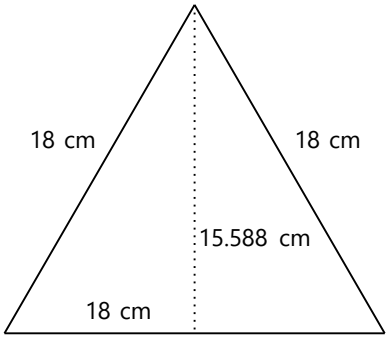
4)



5)



6)

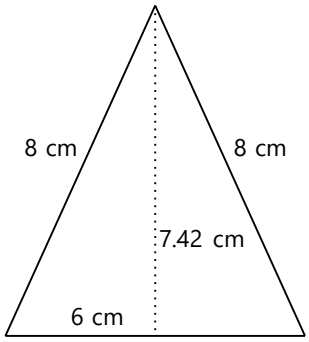


Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 4

Find the perimeter and area.

1)



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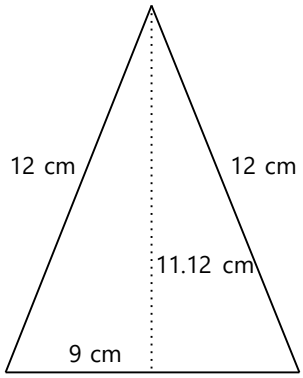
2)



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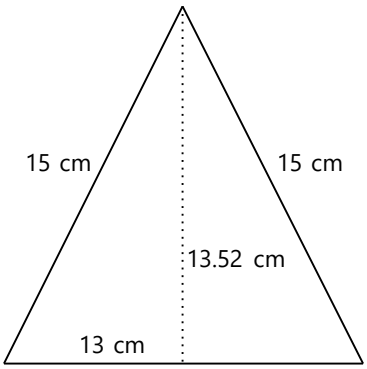
3)



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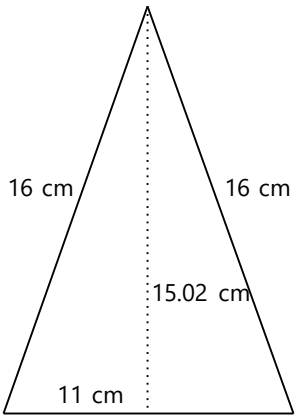
4)



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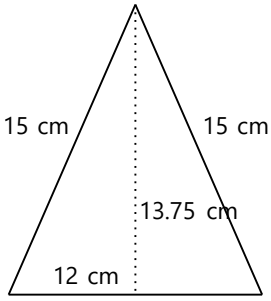
5)



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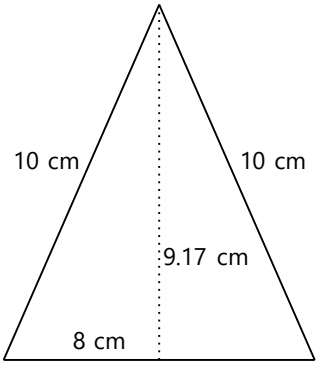
6)



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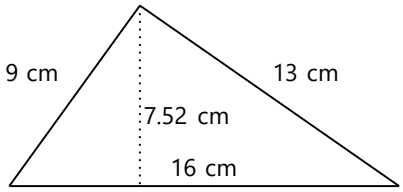
Name:_____ Class:_____ Date:____/____/_____

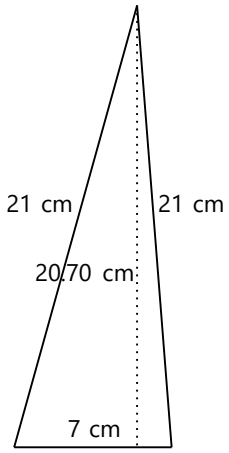
Perimeter and Area 5

Find the perimeter and area.

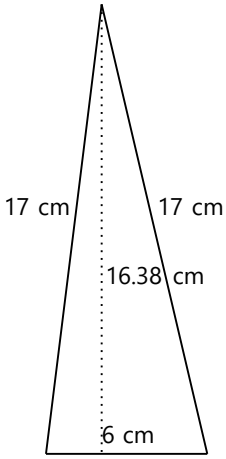
1)



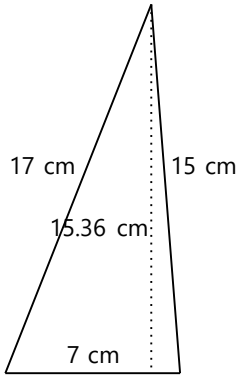
2)



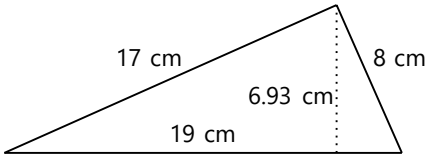
3)



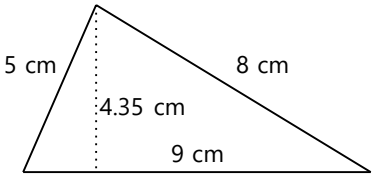
4)



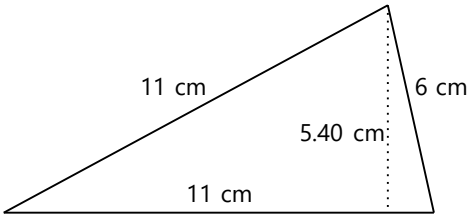
5)



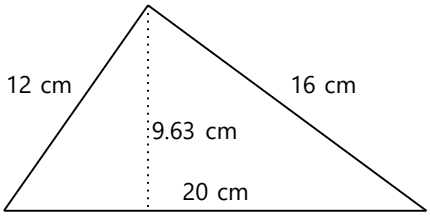
6)



7)



8)

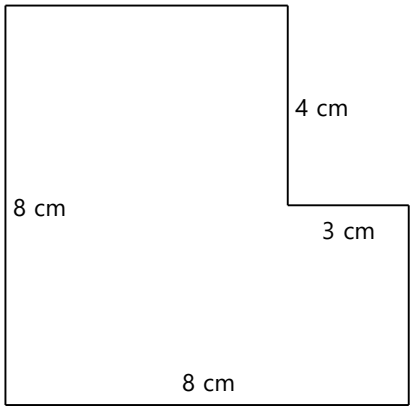


Name:_____ Class:_____ Date:____/____/_____

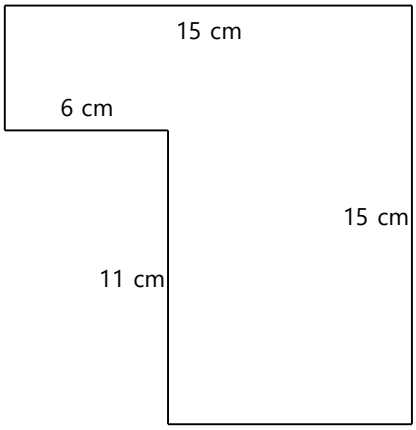
Perimeter and Area 6

Find the perimeter and area.

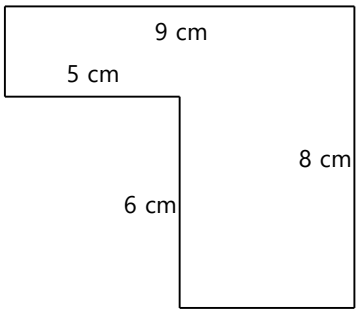
1)



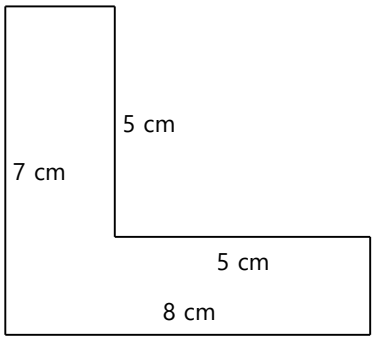
2)



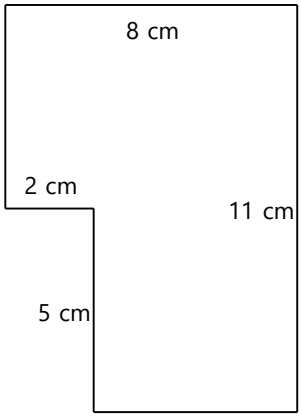
3)



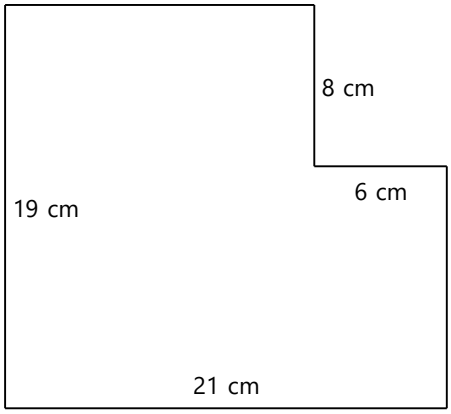
4)



5)



6)

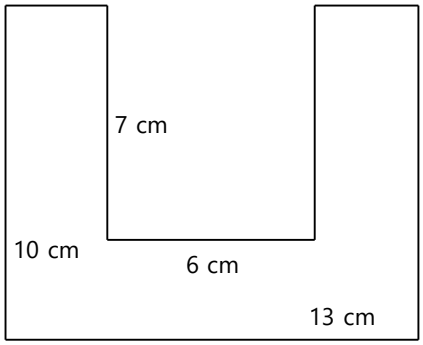


Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 7

Find the perimeter and area.

1)



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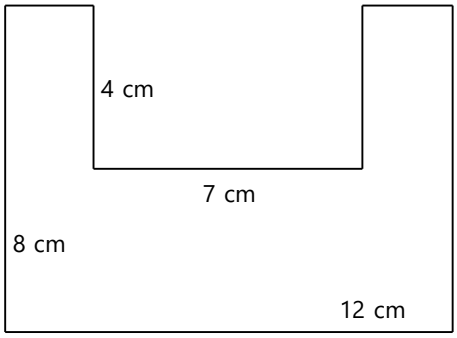
2)



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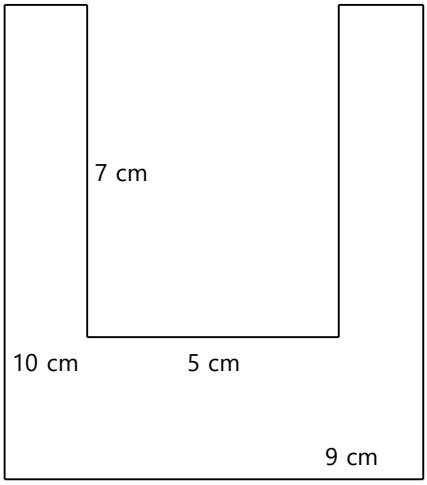
3)



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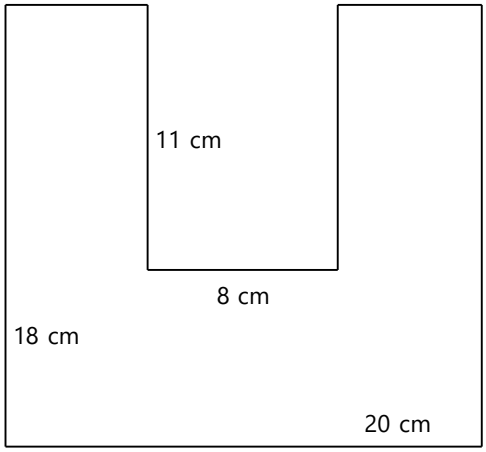
4)



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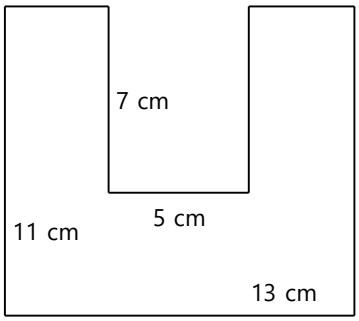
5)



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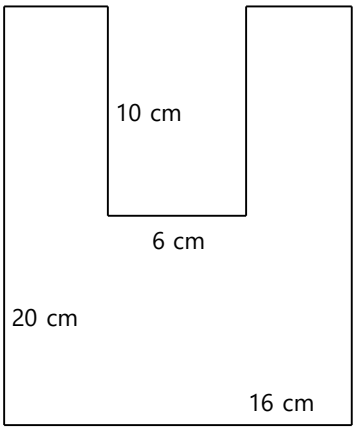
6)



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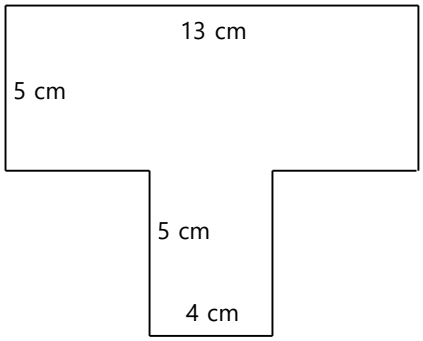
Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 8

Find the perimeter and area.

1)



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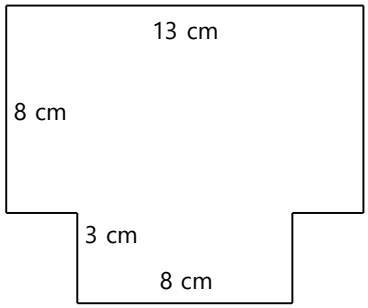
2)



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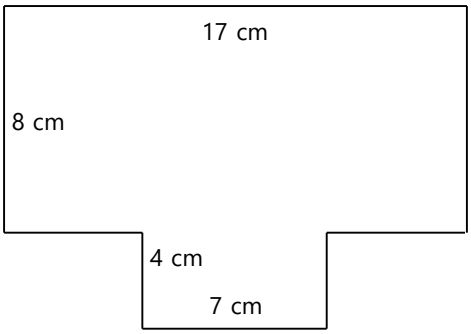
3)



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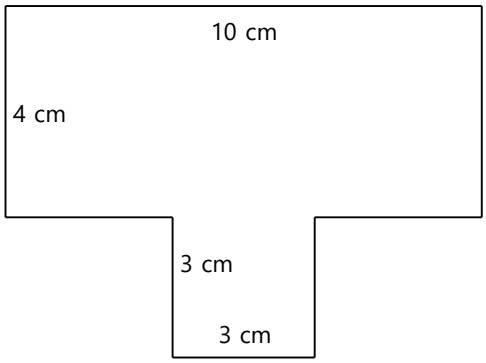
4)



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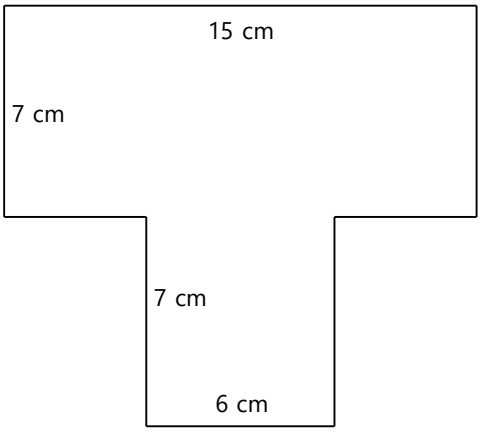
5)



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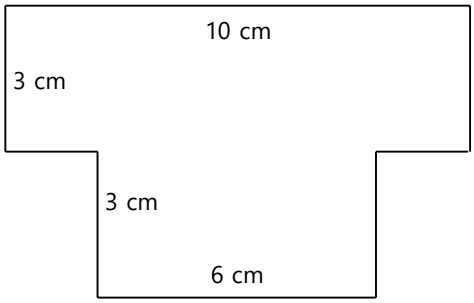
6)



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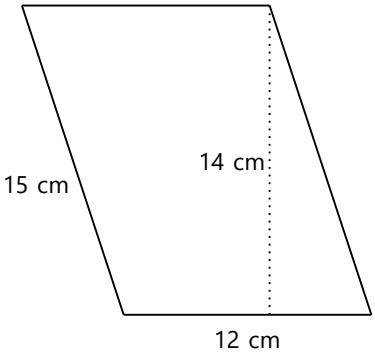
Name:_____ Class:_____ Date:____/____/_____

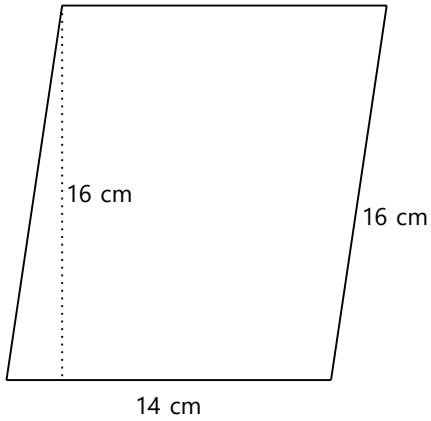
Perimeter and Area 9

Find the perimeter and area.

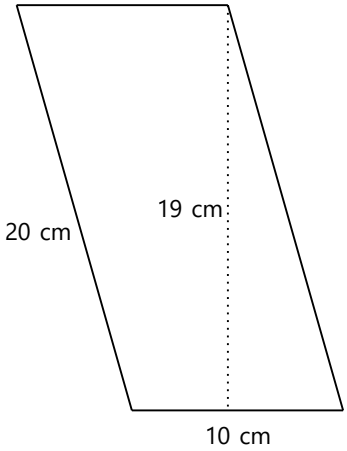
1)



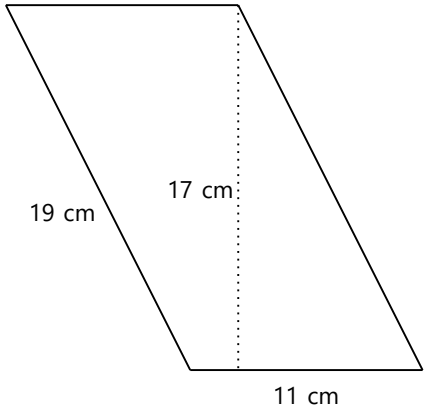
2)



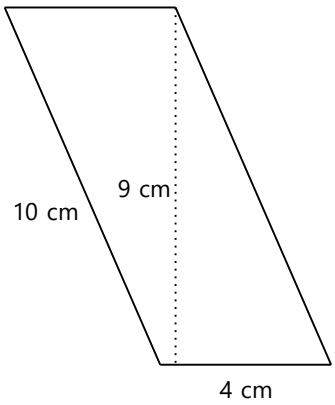
3)



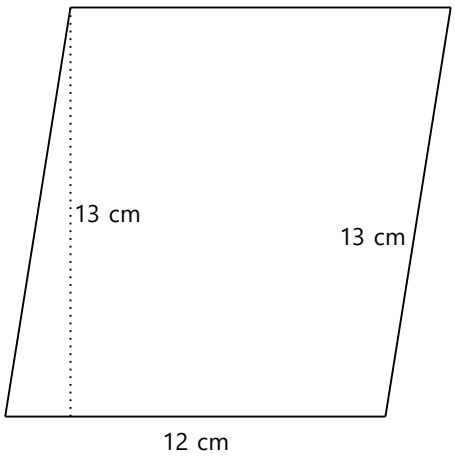
4)



5)



6)

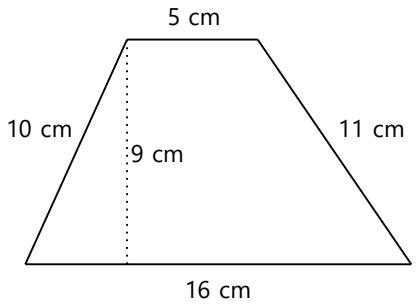


Name:_____ Class:_____ Date:____/____/_____

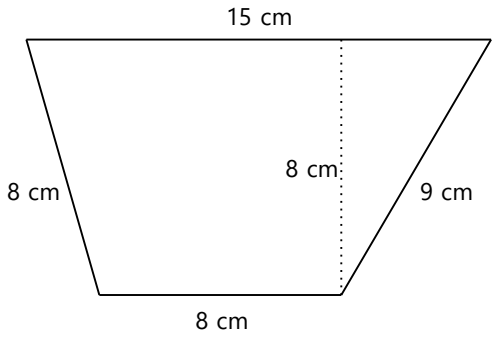
Perimeter and Area 10

Find the perimeter and area.

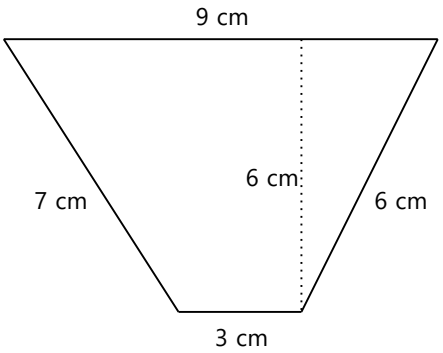
1)



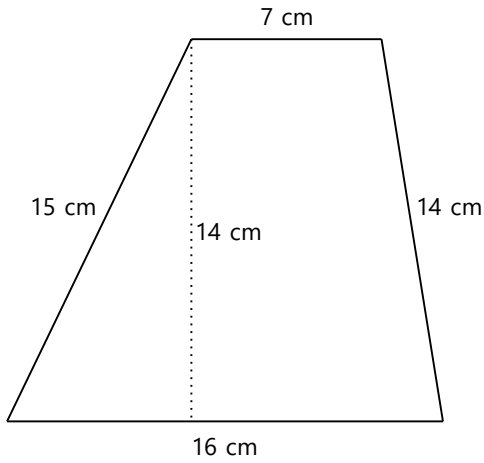
2)



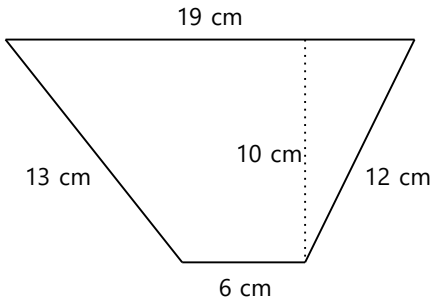
3)



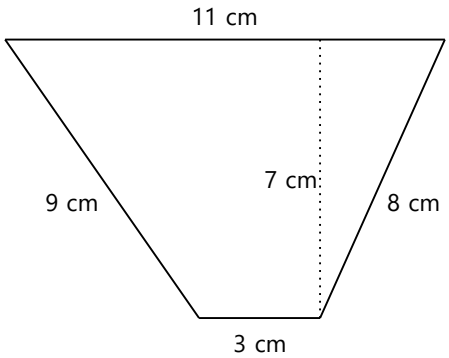
4)



5)



6)

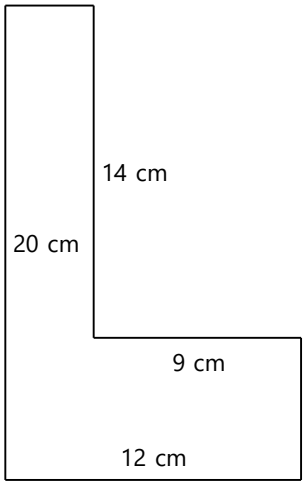


Name:_____ Class:_____ Date:____/____/_____

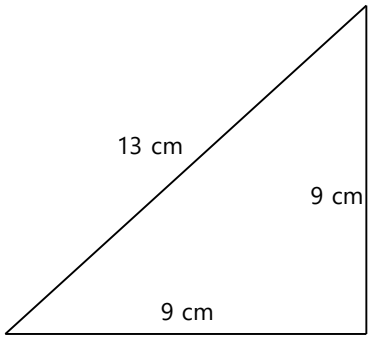
Perimeter and Area 10

Find the perimeter and area.

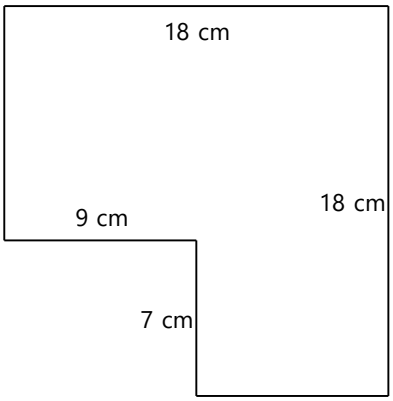
1)



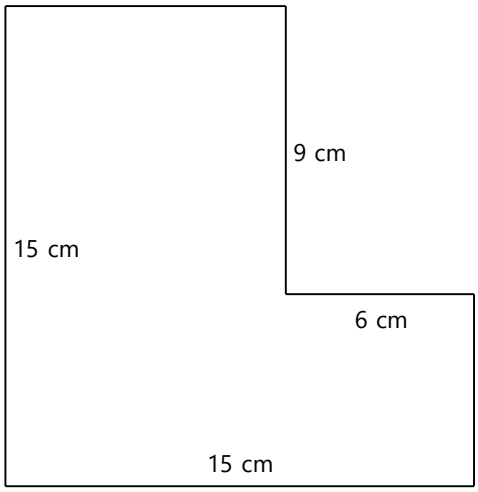
2)



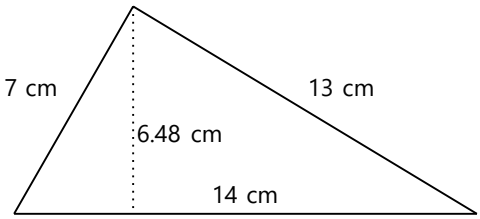
3)



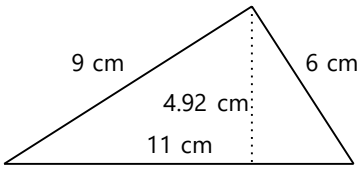
4)



5)



6)

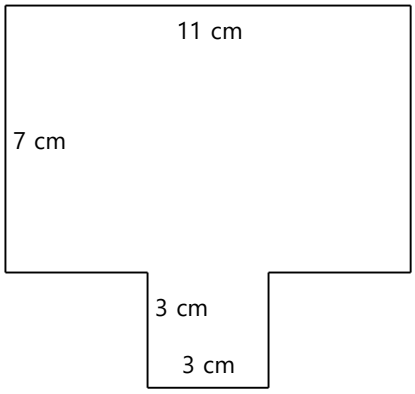


Name:_____ Class:_____ Date:____/____/_____

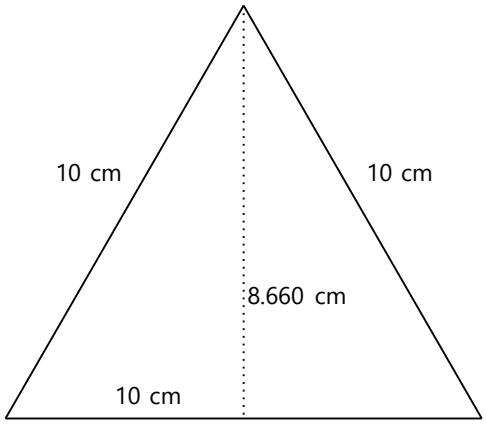
Perimeter and Area 11

Find the perimeter and area.

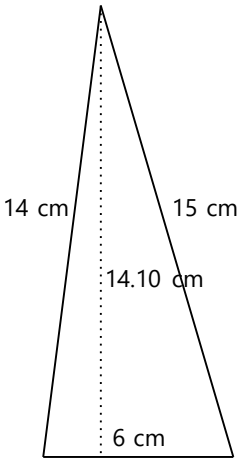
1)



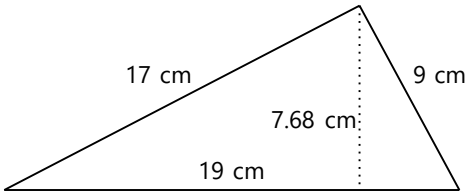
2)



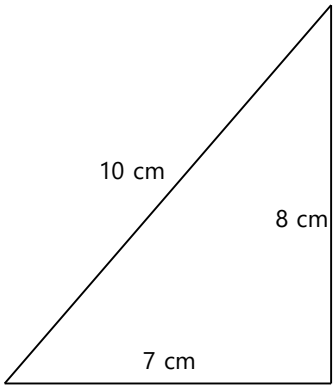
3)



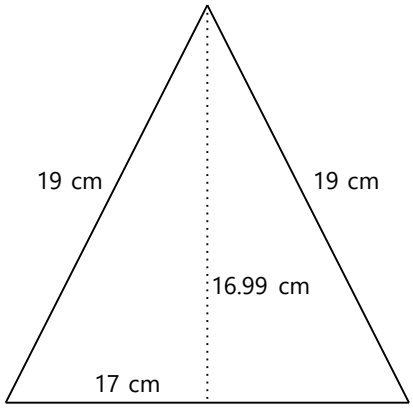
4)



5)



6)

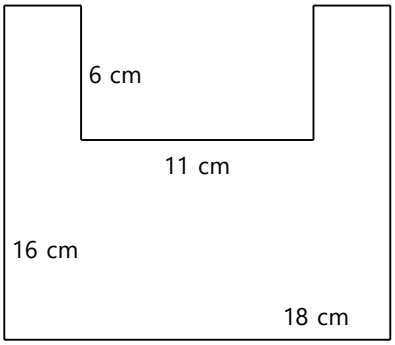


Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 12

Find the perimeter and area.

1)



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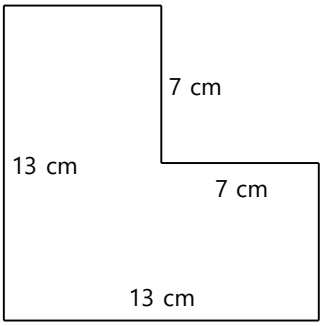
2)



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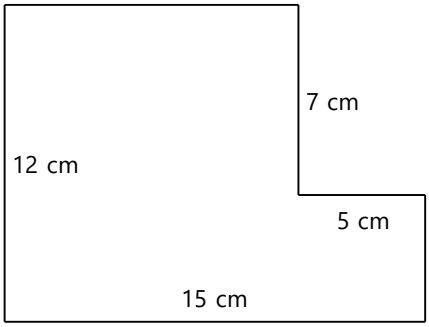

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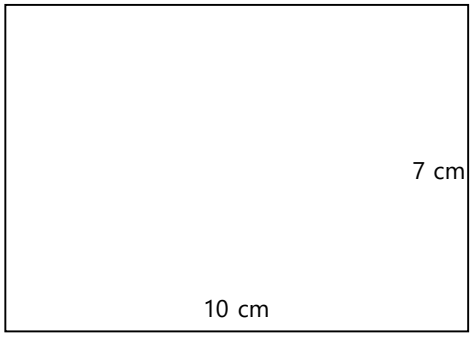
4)



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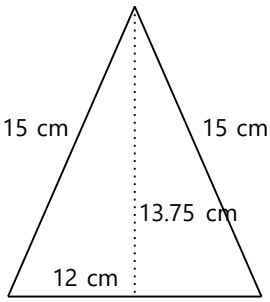

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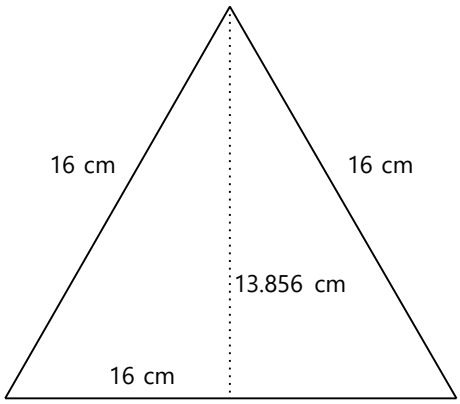
6)



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Name:_____ Class:_____ Date:____/____/_____

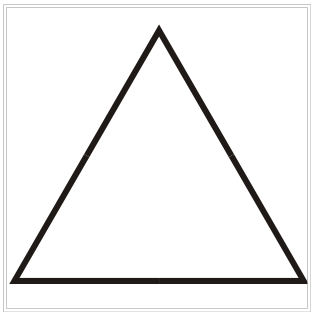
Polygons

Identify the polygons. How many sides and vertices?

1)

_____

2)



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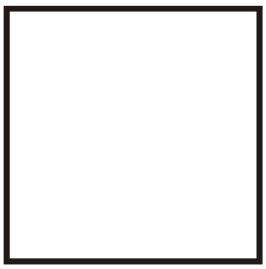
3)



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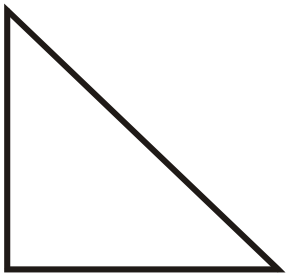
4)



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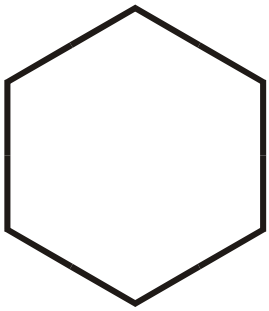
5)



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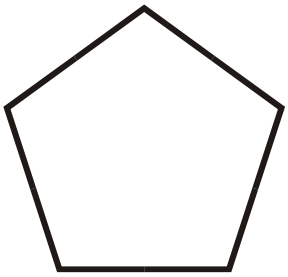

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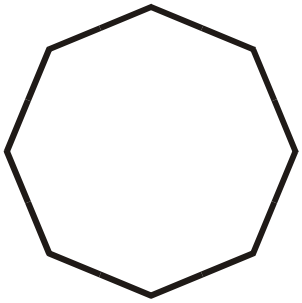

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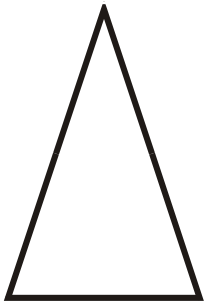
8)



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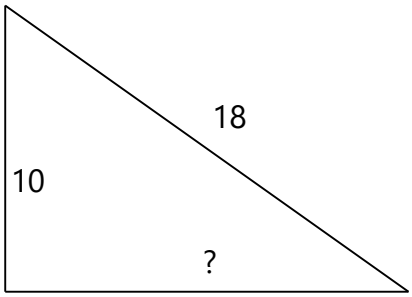
Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 1

Find the length of the side.

1)



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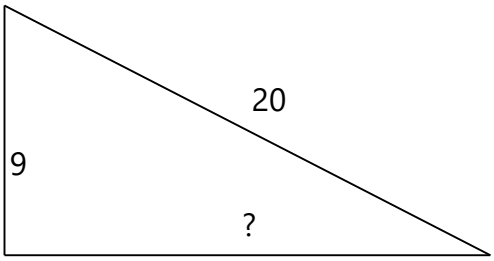
2)



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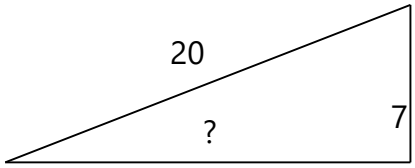
3)



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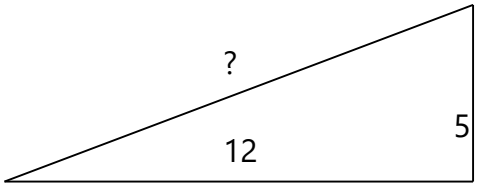
4)



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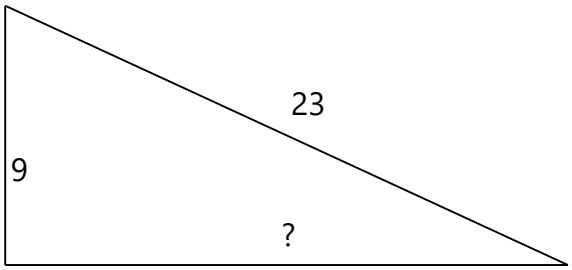
5)



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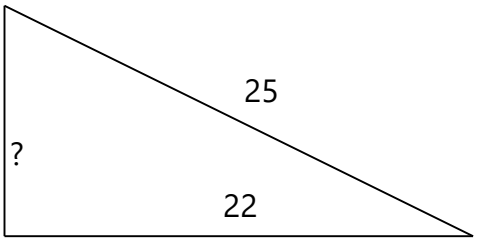
6)



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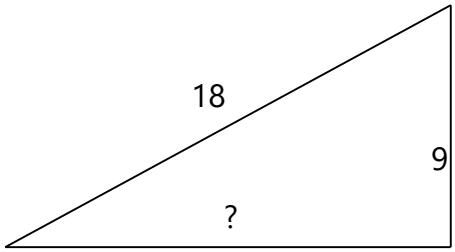
7)



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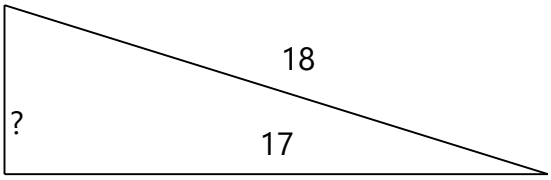
8)



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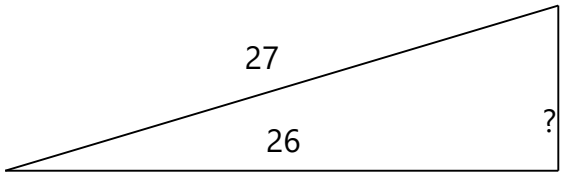
Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 2

Find the length of the side.

1)



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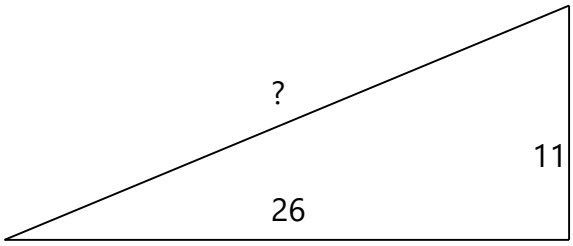
2)



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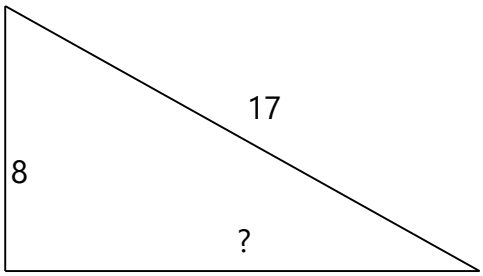
3)



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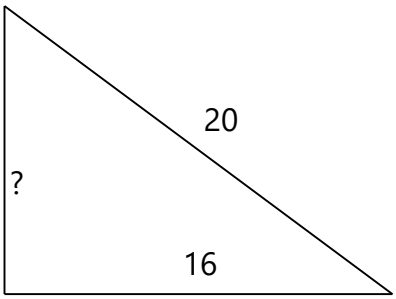
4)



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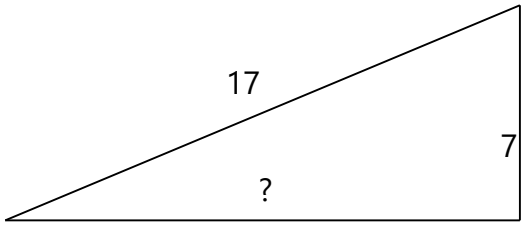
5)



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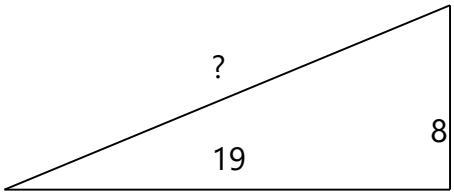
6)



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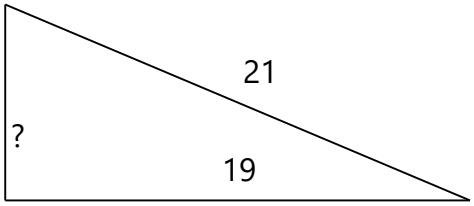
7)



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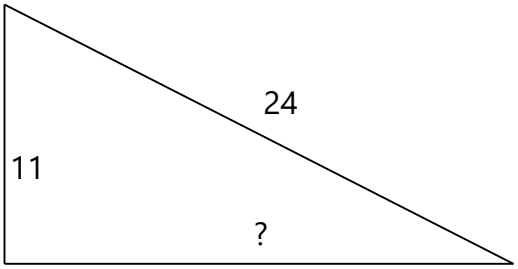

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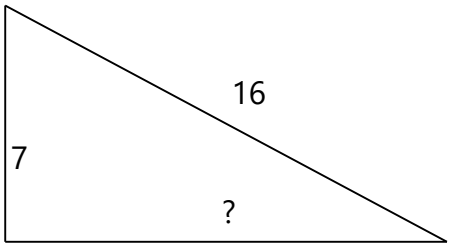
Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 3

Find the length of the side.

1)



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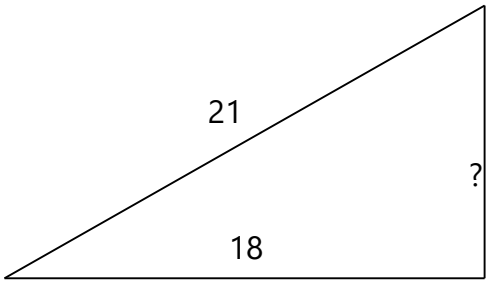
2)



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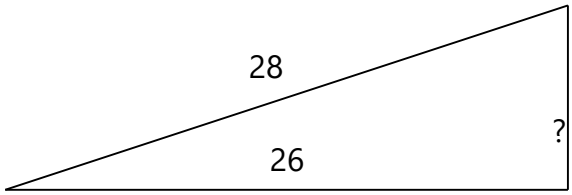
3)



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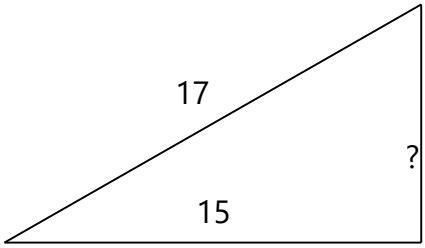
4)



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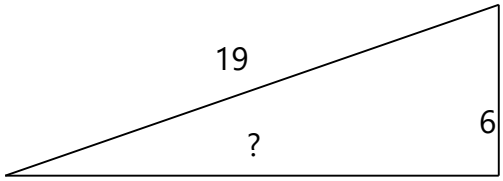

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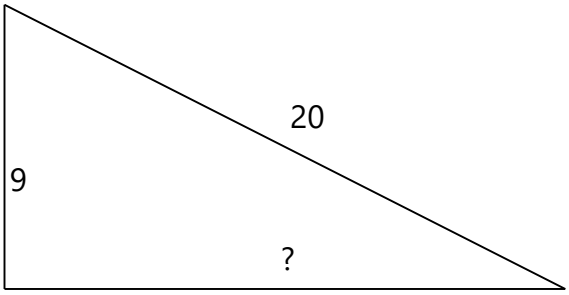
6)



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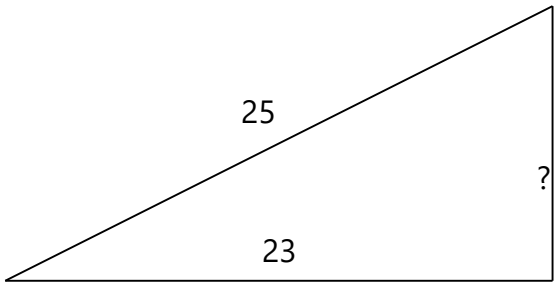
7)



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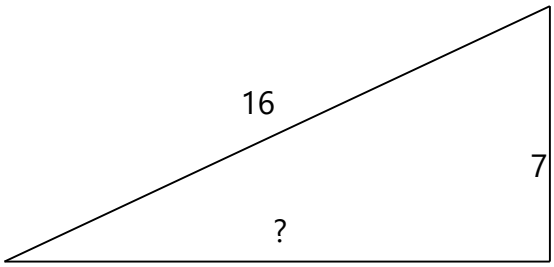
8)



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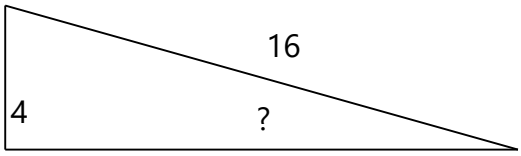
Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 4

Find the length of the side.

1)



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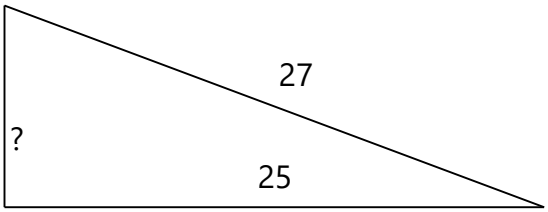
2)



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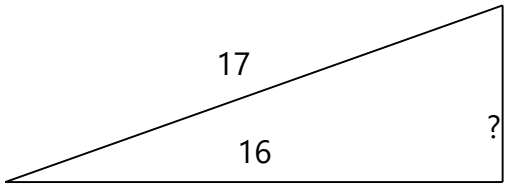
3)



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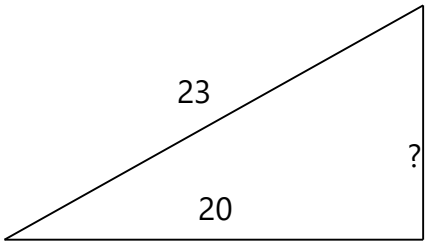
4)



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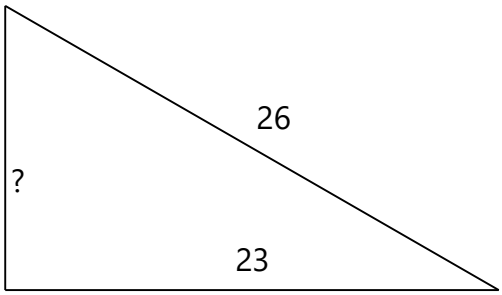
5)



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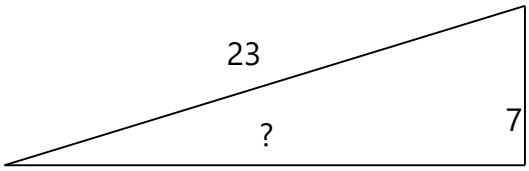
6)



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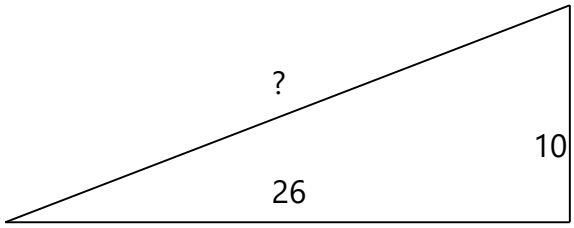
7)



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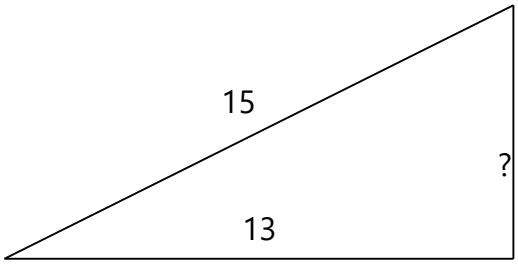
8)



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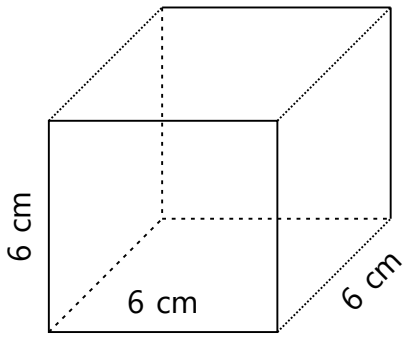
Name:_____ Class:_____ Date:____/____/_____

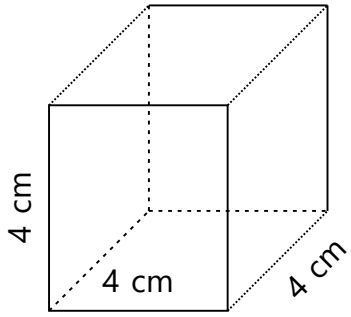
Volume Of Rectangular Prisms 1

Find the volume.

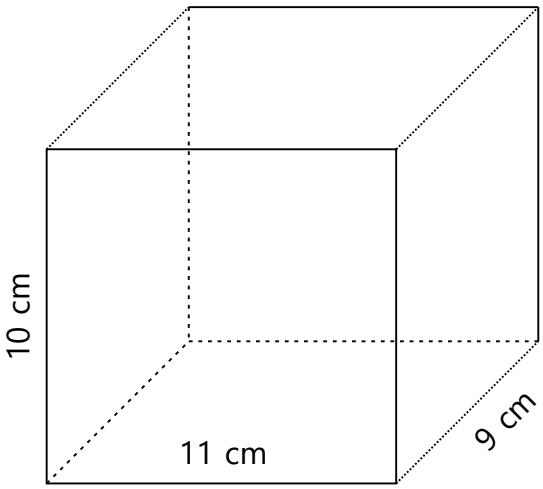
1)



2)



3)

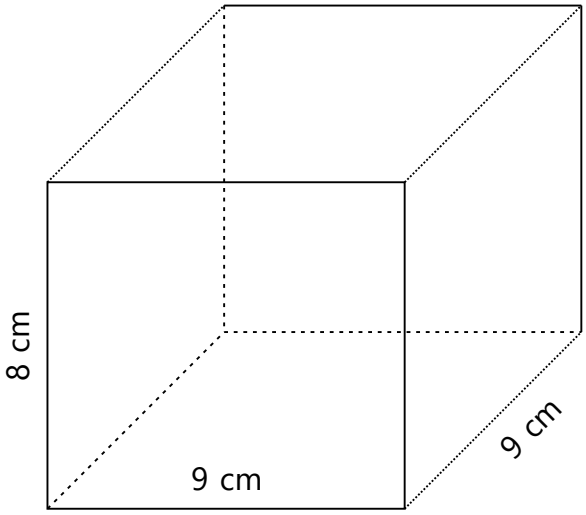


Name:_____ Class:_____ Date:____/____/_____

Volume Of Rectangular Prisms 2

Find the volume.

1)



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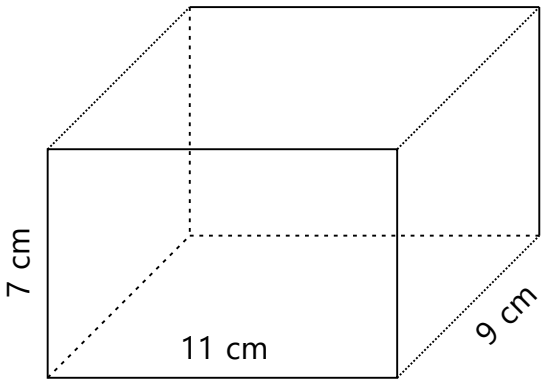
2)



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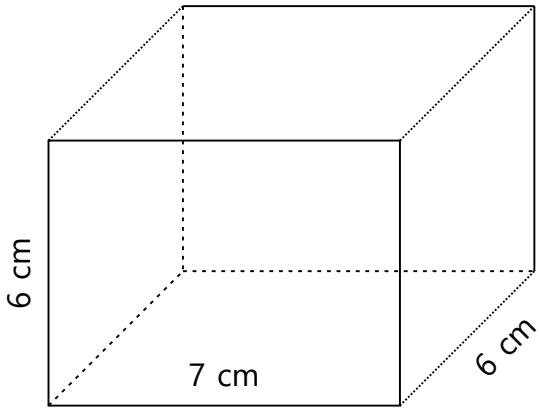
3)



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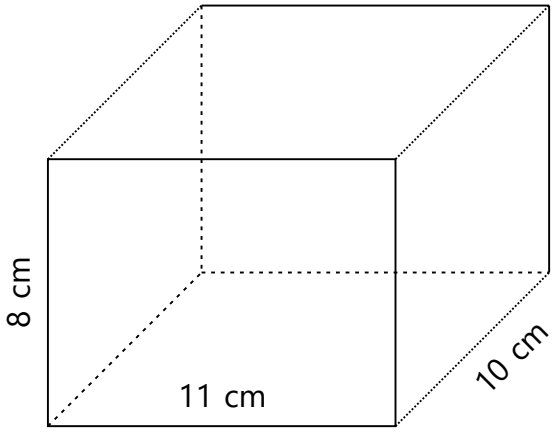
Name:_____ Class:_____ Date:____/____/_____

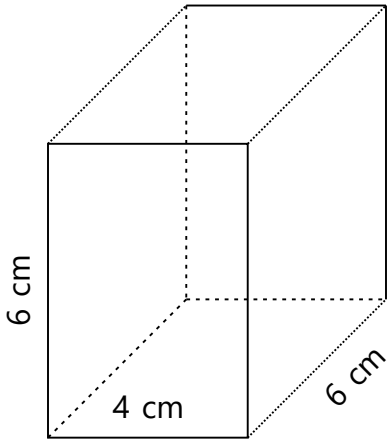
Volume Of Rectangular Prisms 3

Find the volume.

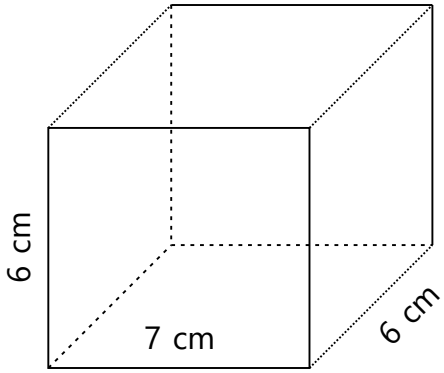
1)



2)



3)

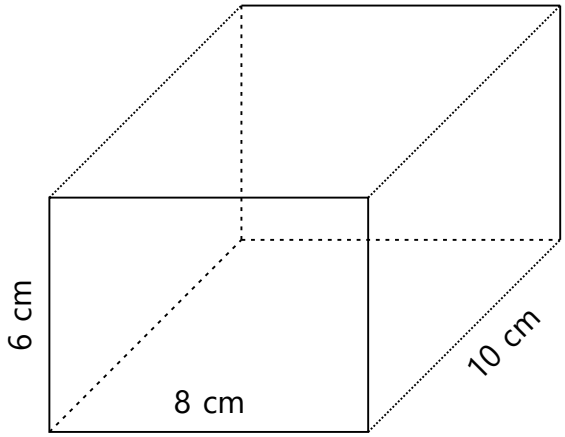


Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Rectangular Prisms 1

Find the surface area.

1)



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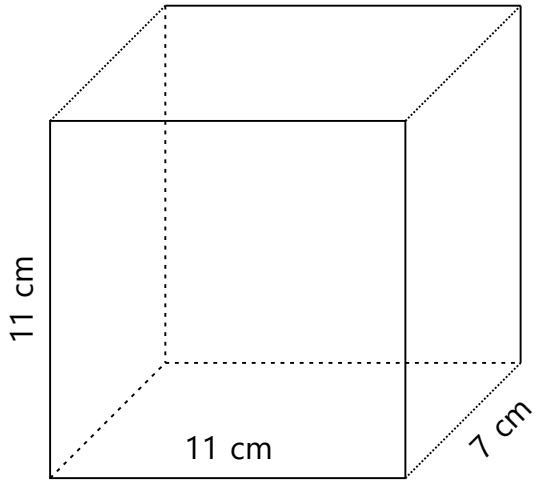
2)



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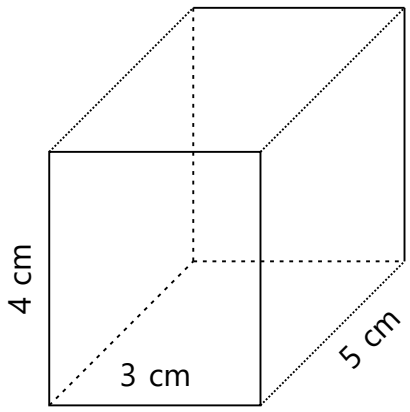
3)



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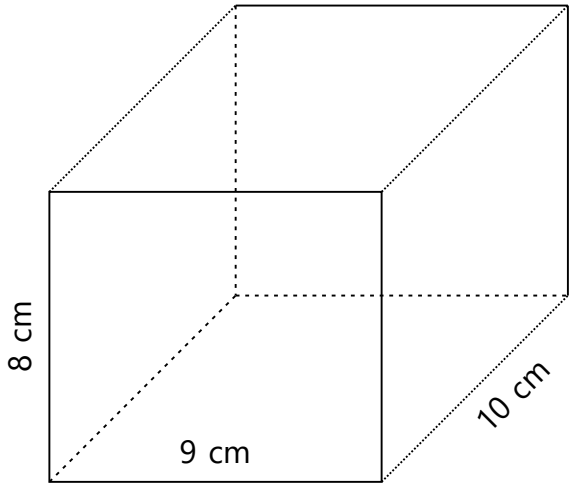
Name:_____ Class:_____ Date:____/____/_____

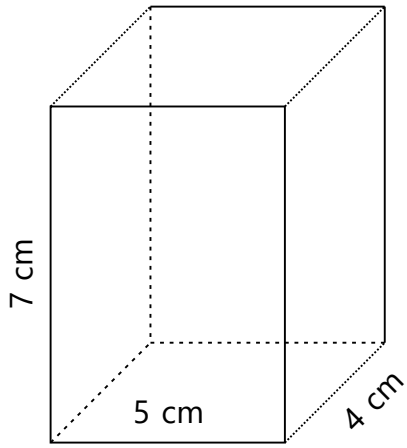
Surface Area Of Rectangular Prisms 2

Find the surface area.

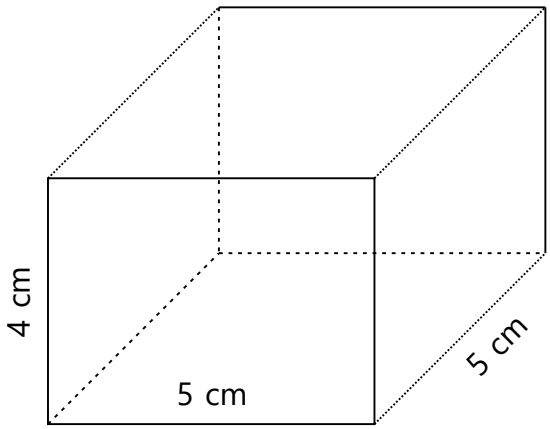
1)



2)



3)

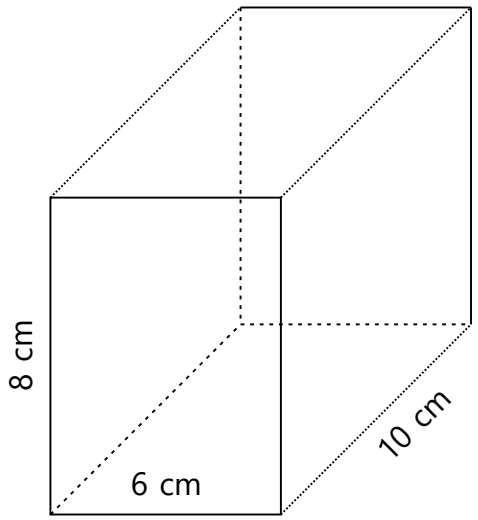


Name:_____ Class:_____ Date:____/____/_____

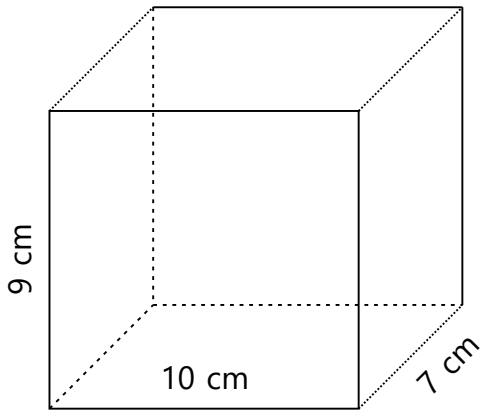
Surface Area Of Rectangular Prisms 3

Find the surface area.

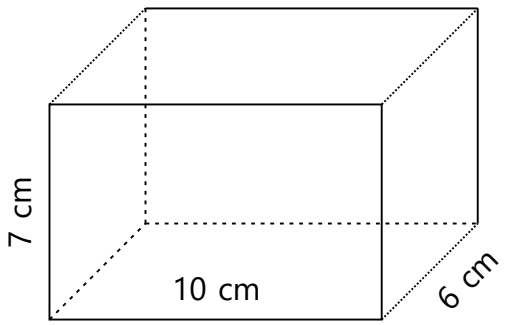
1)



2)



3)

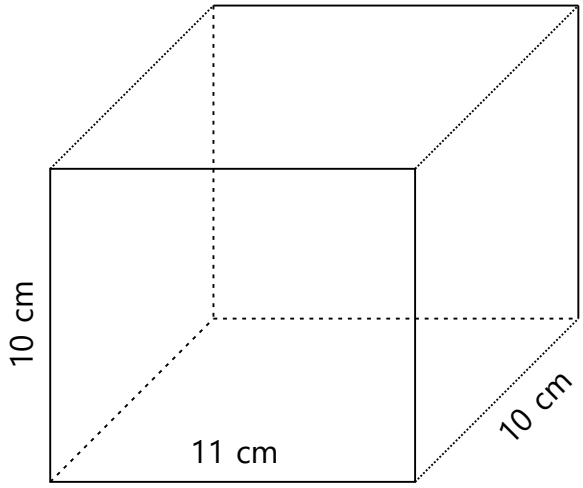


Name:_____ Class:_____ Date:____/____/_____

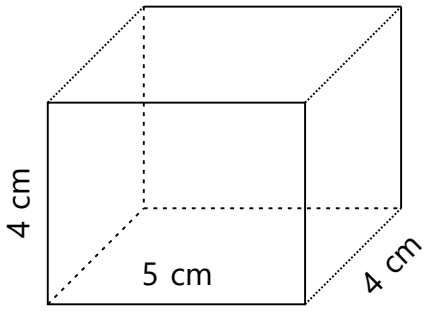
Volume And Surface Area Of Rectangular Prisms 1

Find the volume and surface area.

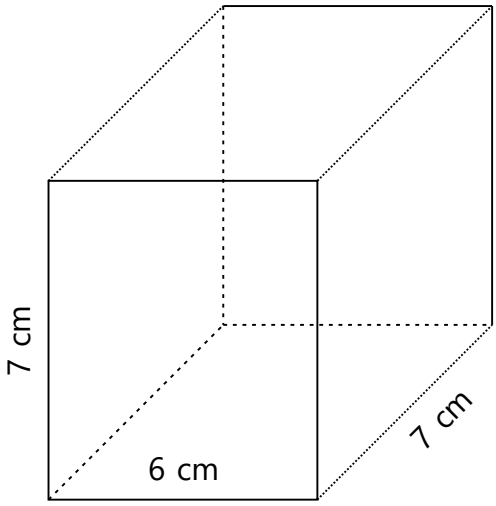
1)



2)



3)

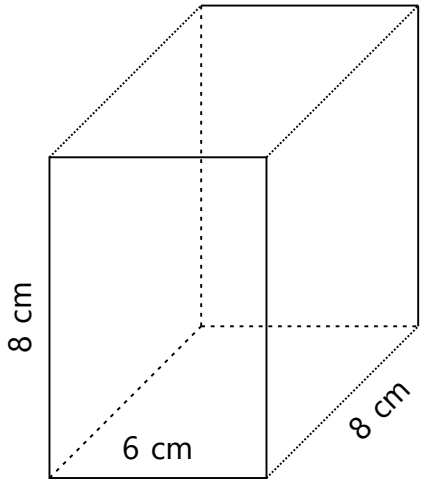


Name:_____ Class:_____ Date:____/____/_____

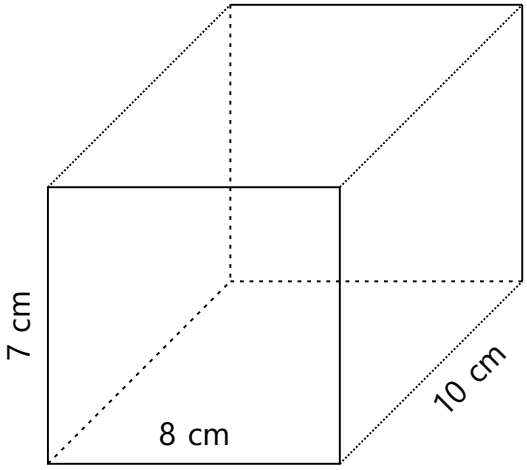
Volume And Surface Area Of Rectangular Prisms 2

Find the volume and surface area.

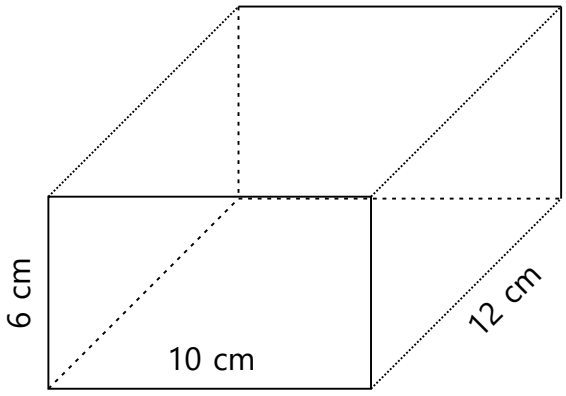
1)



2)



3)

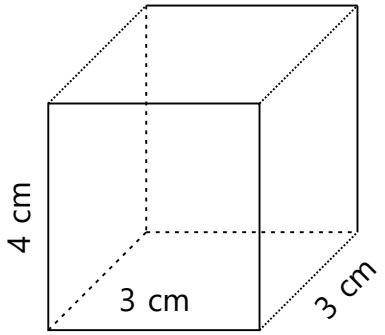


Name:_____ Class:_____ Date:____/____/_____

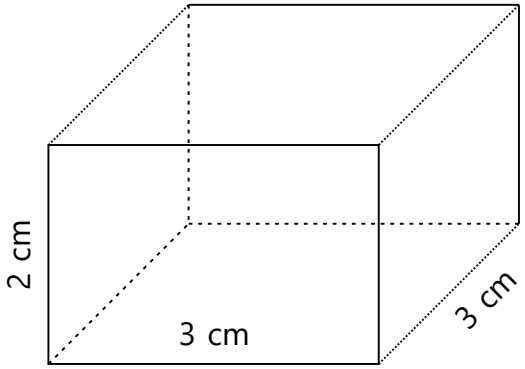
Volume And Surface Area Of Rectangular Prisms 3

Find the volume and surface area.

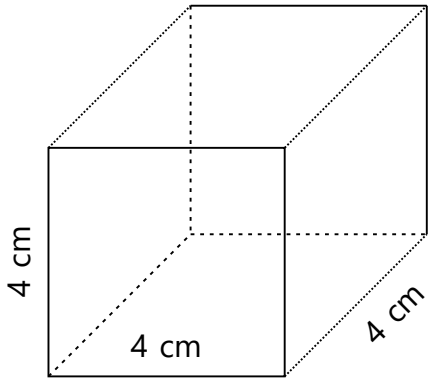
1)



2)



3)

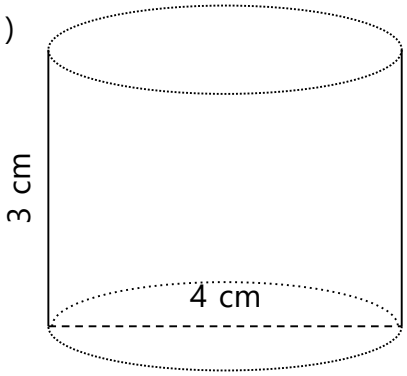


Name:_____ Class:_____ Date:____/____/_____

Volume Of Cylinders 1

Find the volume.

1)



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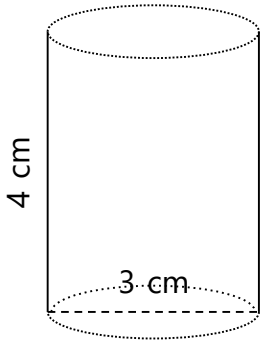
2)



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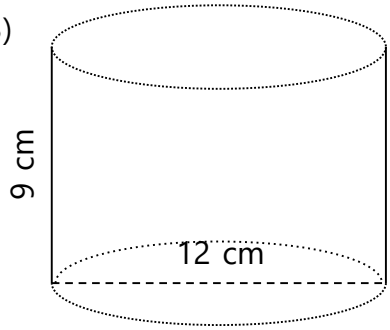
3)



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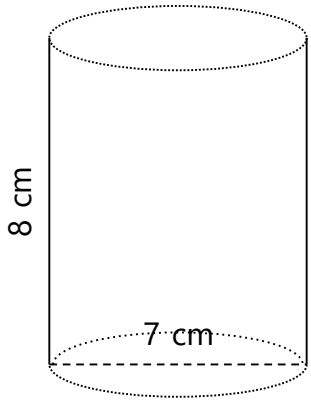
4)



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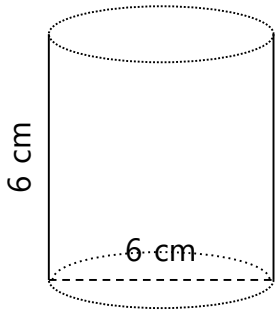
5)



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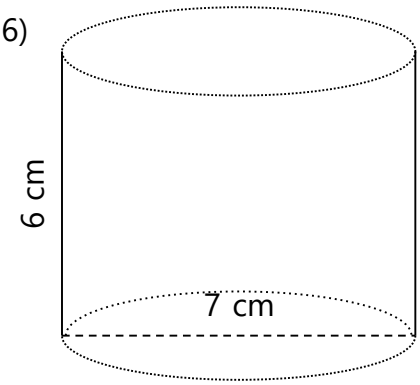
6)



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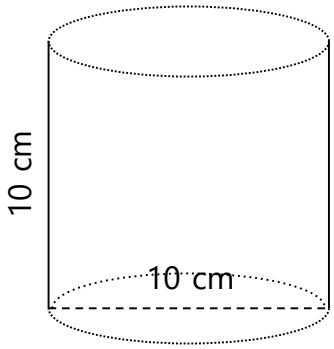
7)



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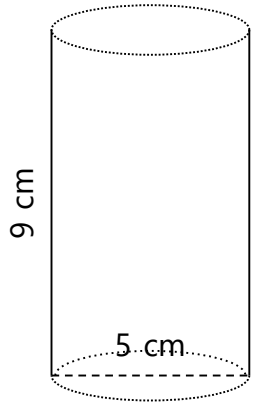
8)



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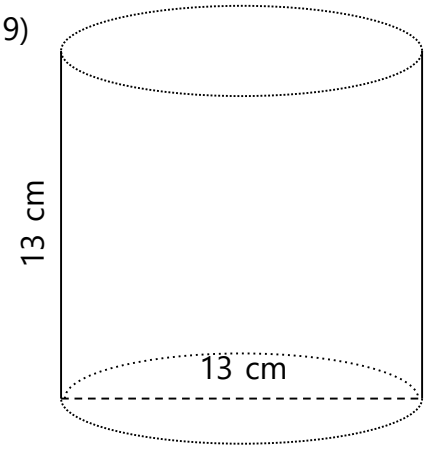
9)



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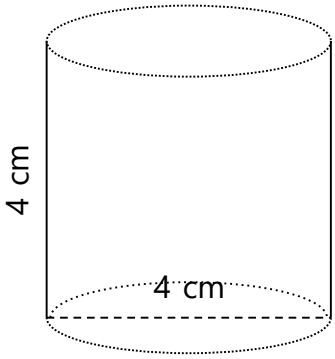
Name:_____ Class:_____ Date:____/____/_____

Volume Of Cylinders 2

Find the volume.

1)



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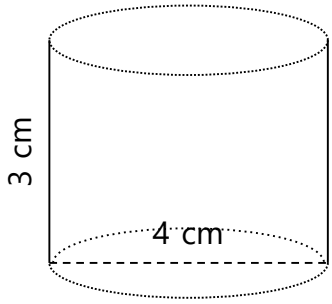
2)



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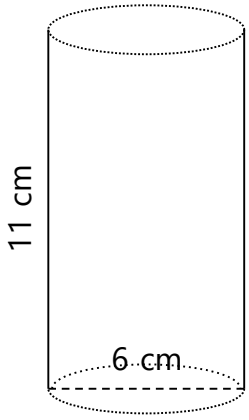
3)



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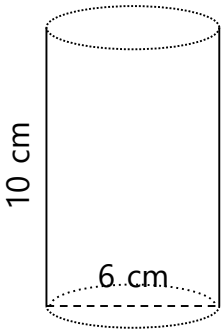
4)



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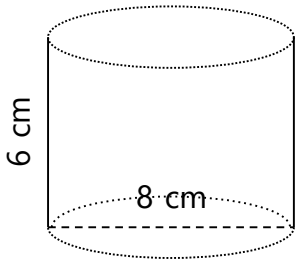
5)



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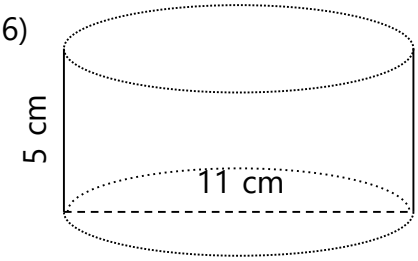
6)



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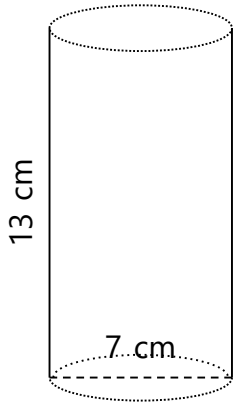
7)



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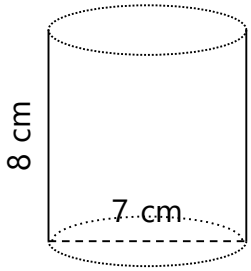
8)



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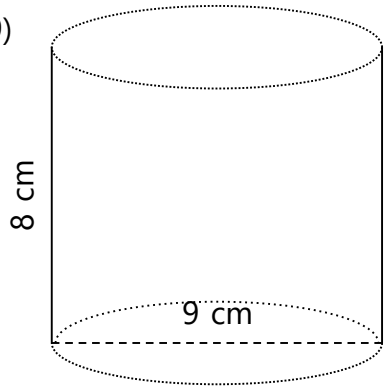
9)



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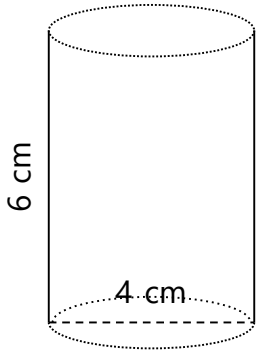
Name:_____ Class:_____ Date:____/____/_____

Volume Of Cylinders 3

Find the volume.

1)



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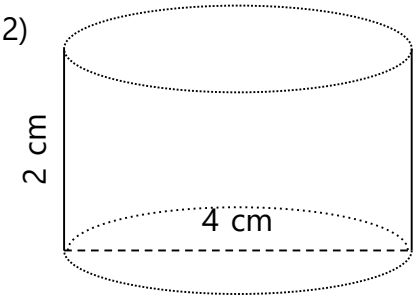
2)



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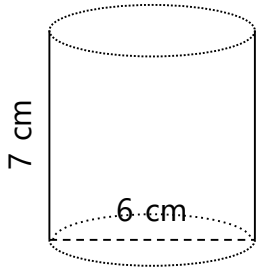
3)



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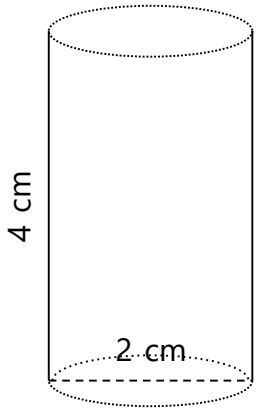
4)



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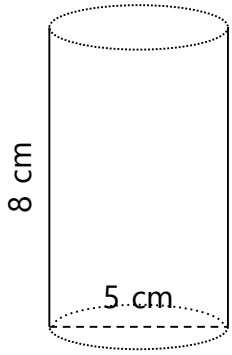
5)



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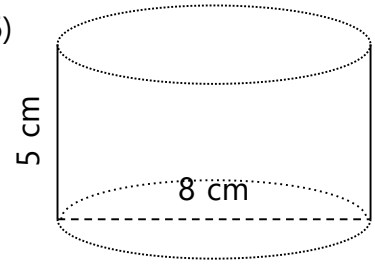
6)



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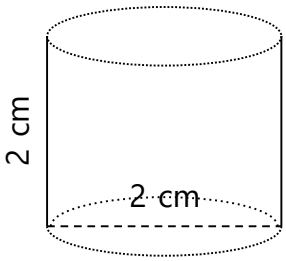
7)



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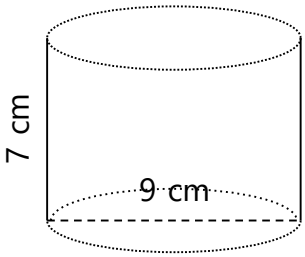
8)



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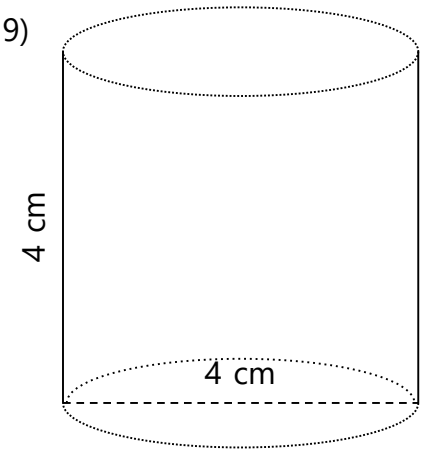
9)



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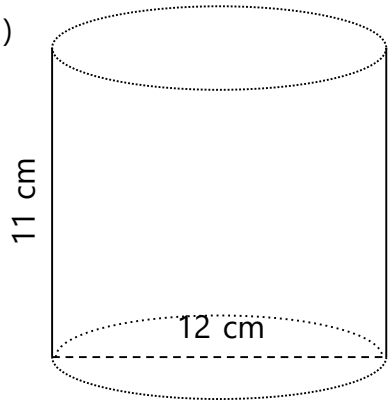
Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Cylinders 1

Find the surface area.

1)



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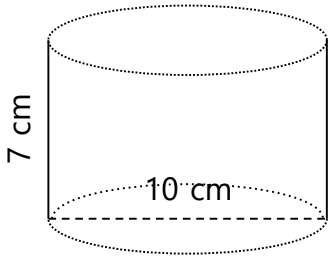
2)



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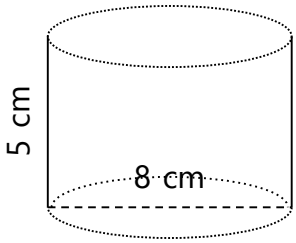
3)



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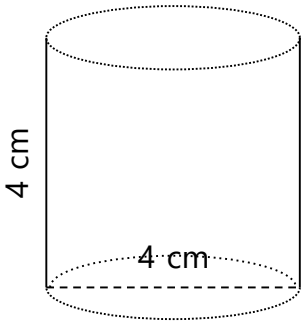
4)



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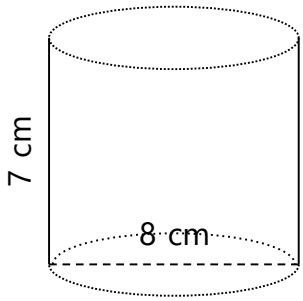
5)



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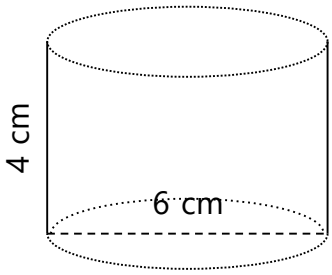
6)



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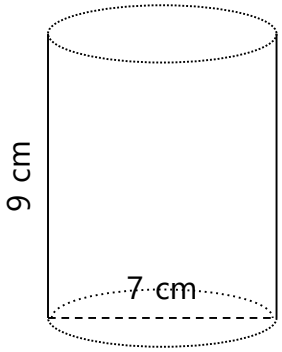
7)



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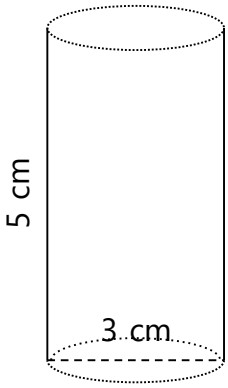
8)



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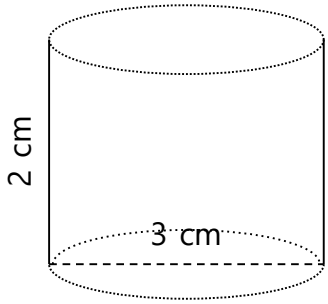
9)



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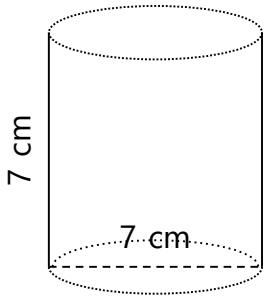
Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Cylinders 2

Find the surface area.

1)



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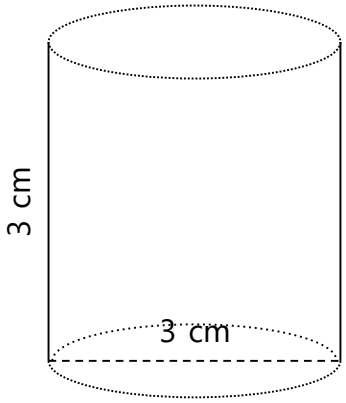
2)



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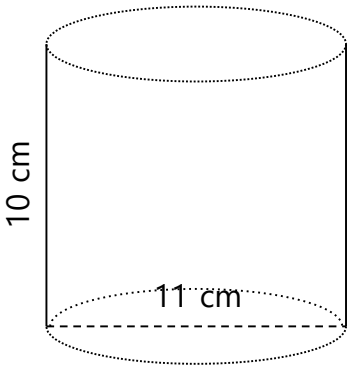
3)



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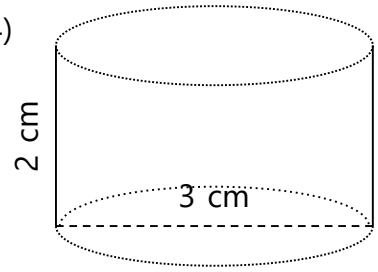
4)



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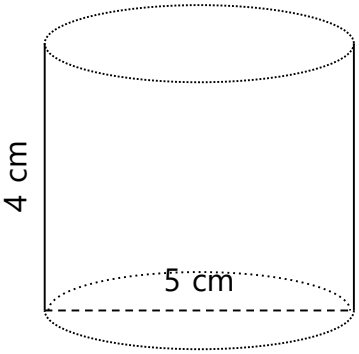
5)



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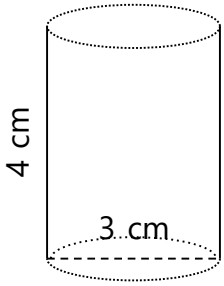
6)



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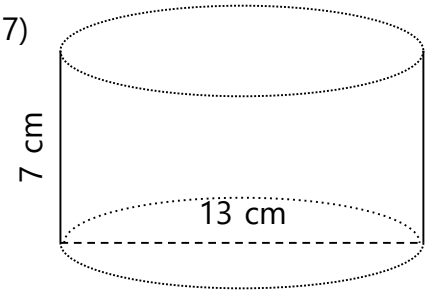
7)



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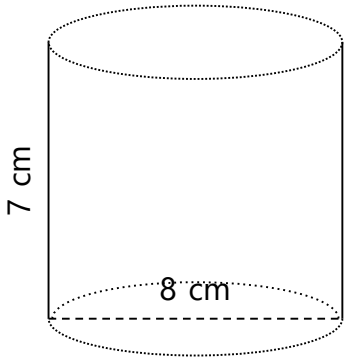
8)



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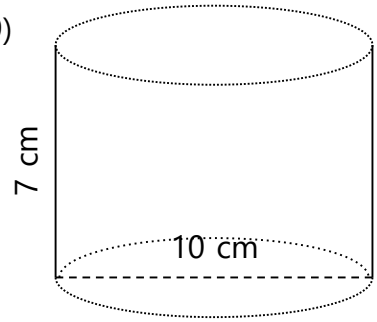
9)



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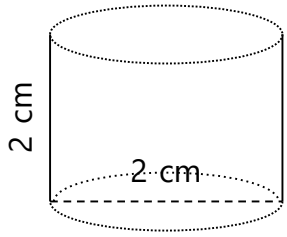
Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Cylinders 3

Find the surface area.

1)



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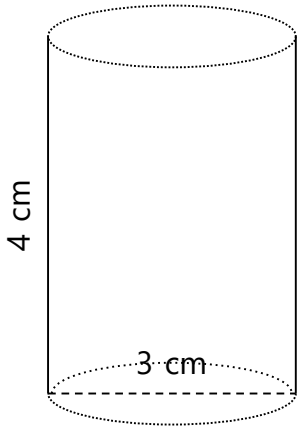
2)



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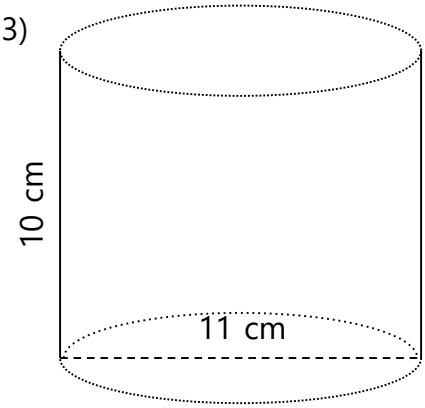
3)



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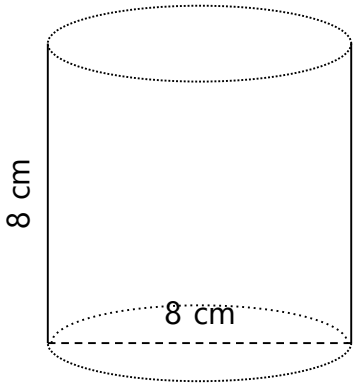
4)



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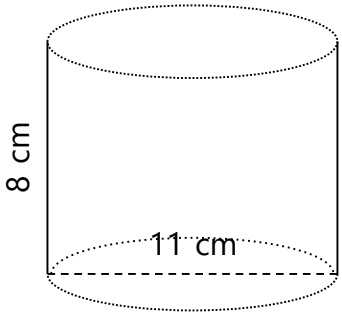
5)



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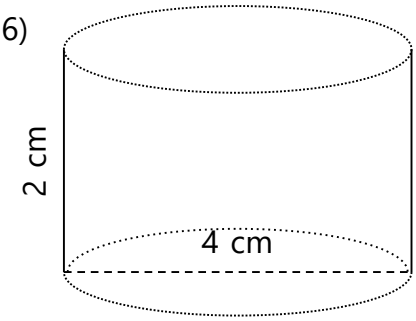
6)



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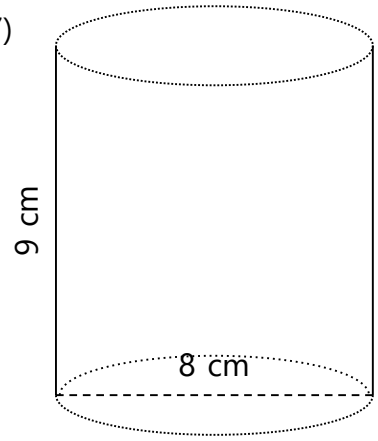
7)



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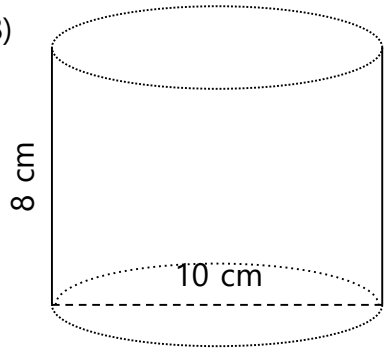
8)



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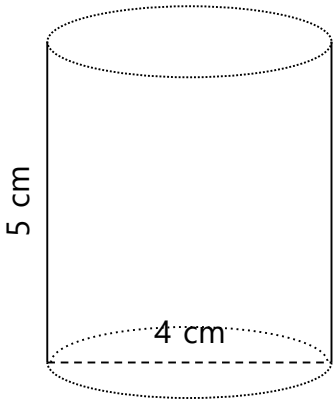
9)



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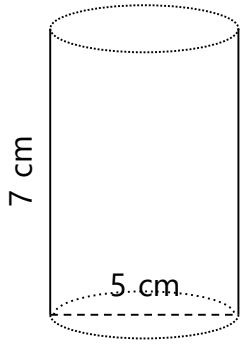
Name:_____ Class:_____ Date:____/____/_____

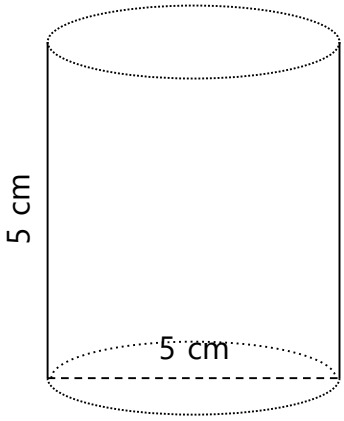
Volume And Surface Area Of Cylinders 1

Find the volume and surface area.

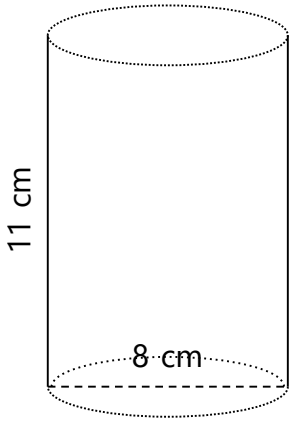
1)



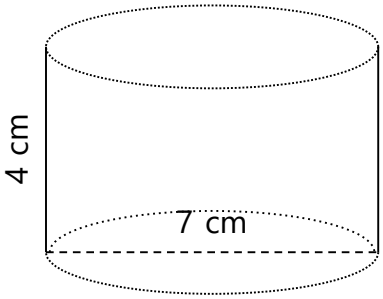
2)



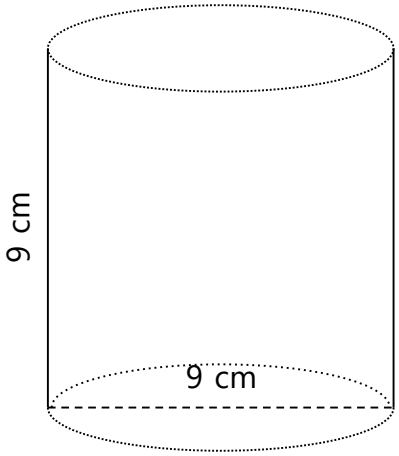
3)



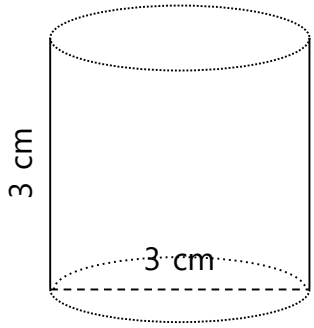
4)



5)



6)

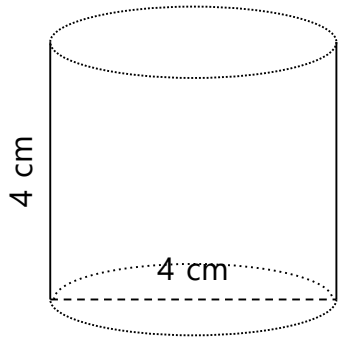


Name:_____ Class:_____ Date:____/____/_____

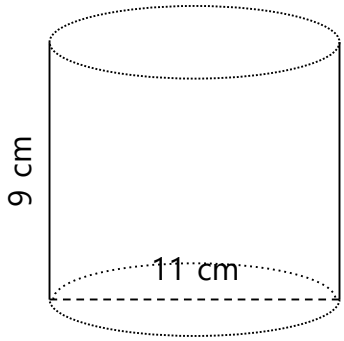
Volume And Surface Area Of Cylinders 2

Find the volume and surface area.

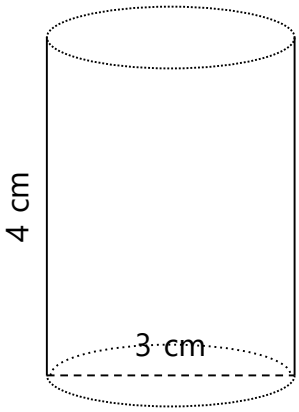
1)



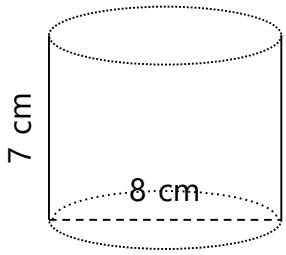
2)



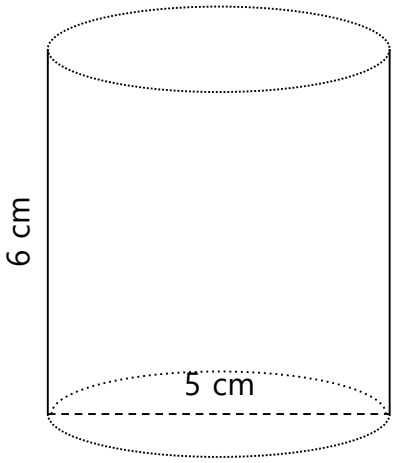
3)



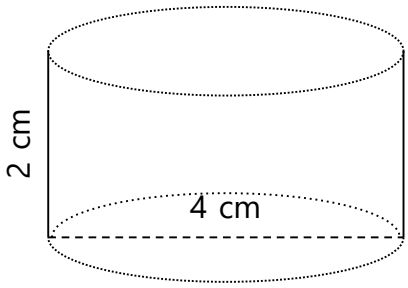
4)



5)



6)

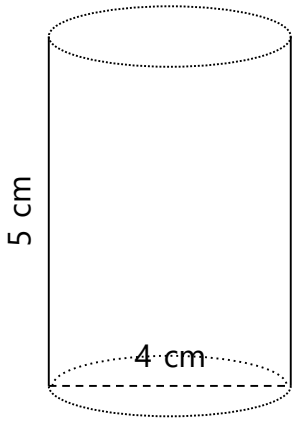


Name:_____ Class:_____ Date:____/____/_____

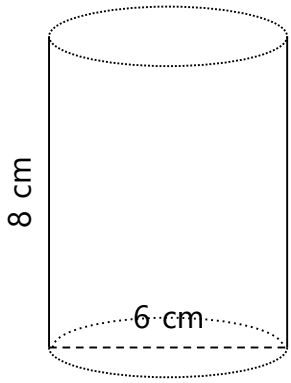
Volume And Surface Area Of Cylinders 3

Find the volume and surface area.

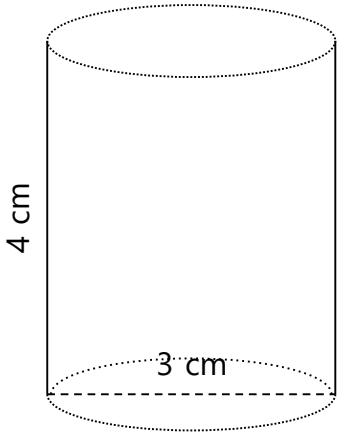
1)



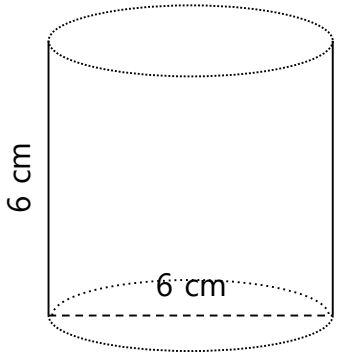
2)



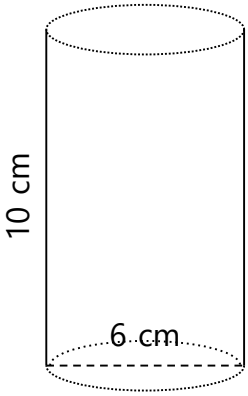
3)



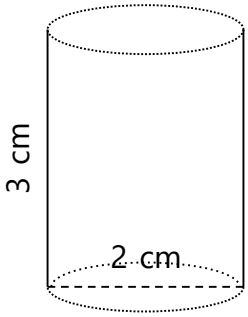
4)



5)



6)

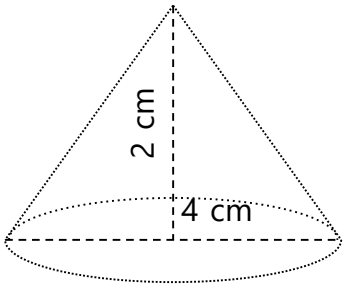


Name:_____ Class:_____ Date:____/____/_____

Volume Of Cones 1

Find the volume.

1)



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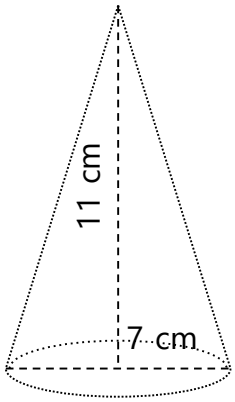
2)



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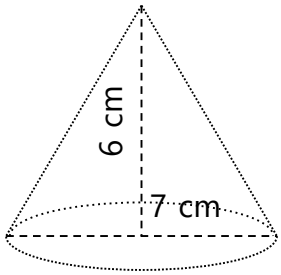
3)



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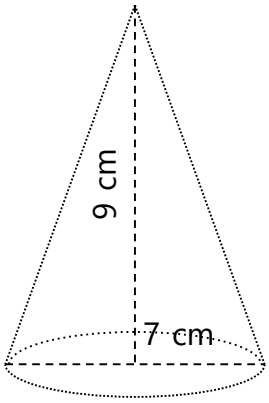
4)



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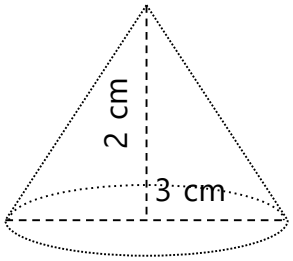
5)



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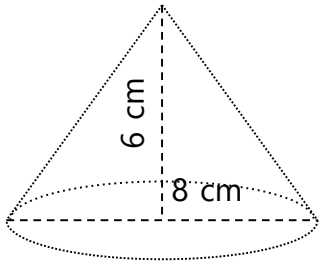
6)



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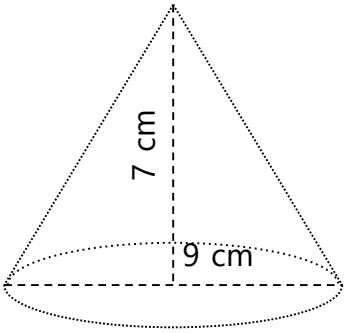
7)



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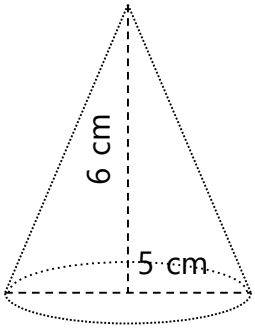
8)



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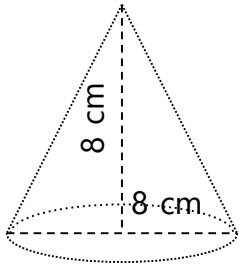
9)



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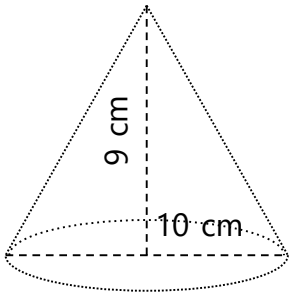
Name:_____ Class:_____ Date:____/____/_____

Volume Of Cones 2

Find the volume.

1)



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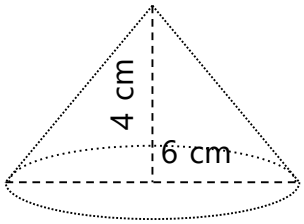
2)



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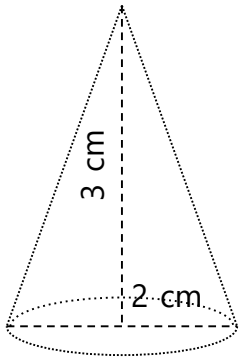
3)



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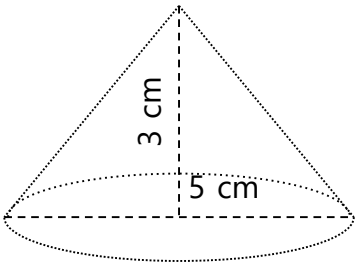
4)



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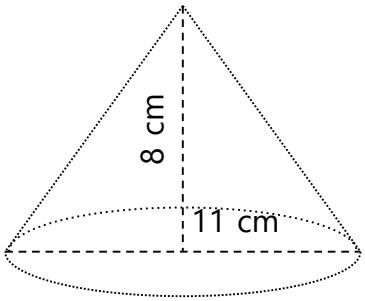

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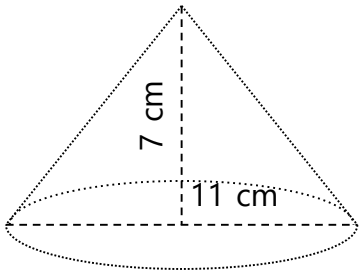

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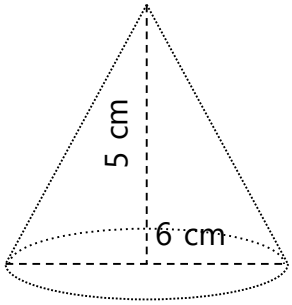
7)



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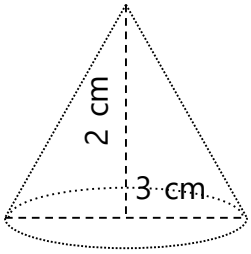
8)



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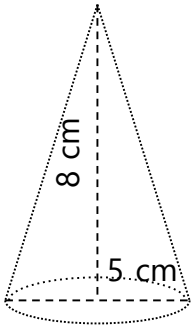
9)



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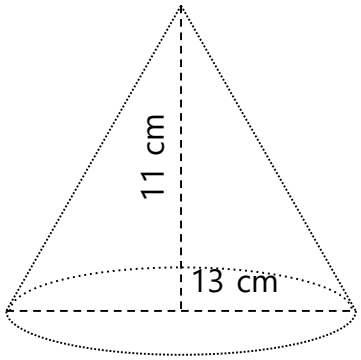
Name:_____ Class:_____ Date:____/____/_____

Volume Of Cones 3

Find the volume.

1)



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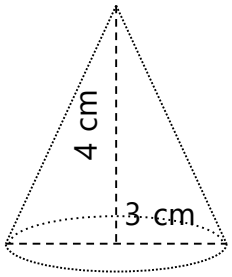
2)



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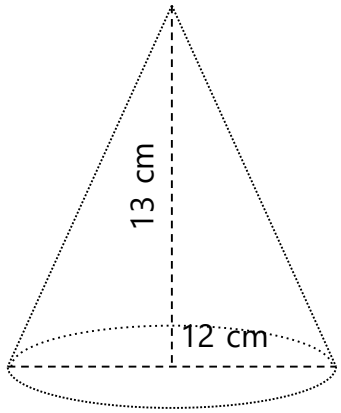
3)



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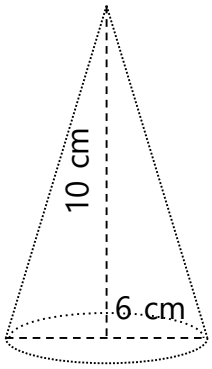
4)



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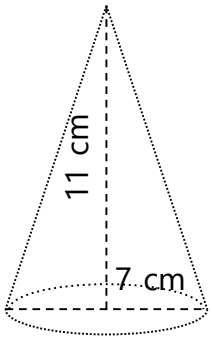
5)



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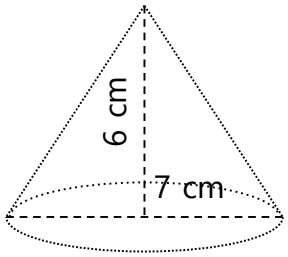
6)



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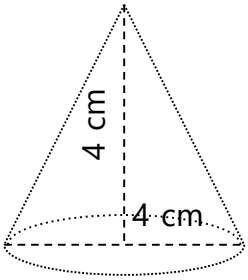
7)



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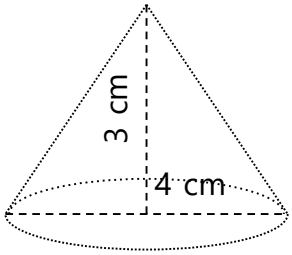
8)



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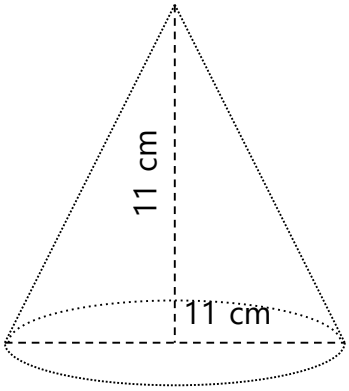
9)



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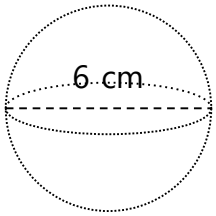
Name:_____ Class:_____ Date:____/____/_____

Volume Of Spheres 1

Find the volume.

1)



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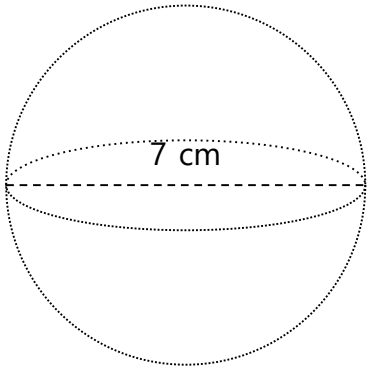
2)



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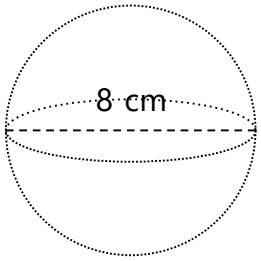
3)



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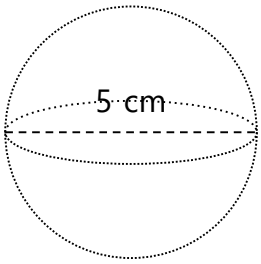
4)



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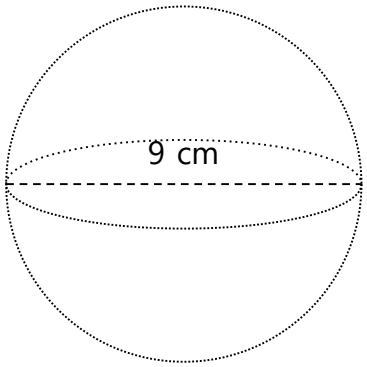
5)



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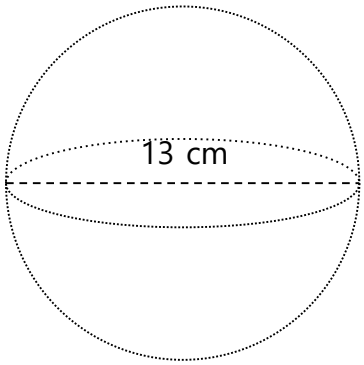
6)



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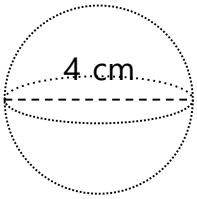
7)



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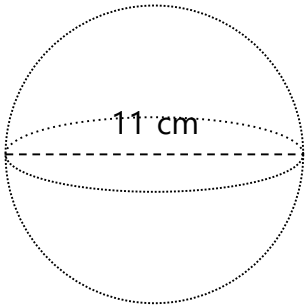
8)



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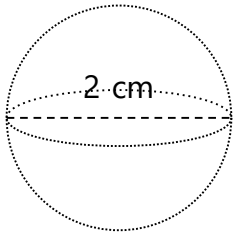
9)



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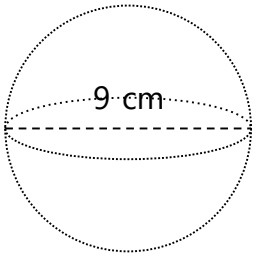
Name:_____ Class:_____ Date:____/____/_____

Volume Of Spheres 2

Find the volume.

1)



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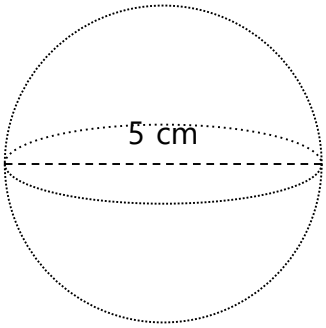
2)



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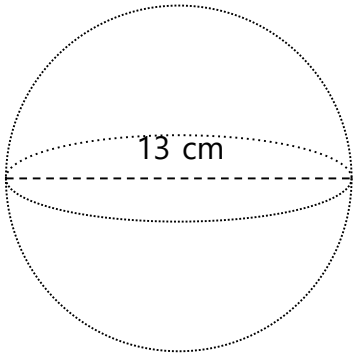
3)



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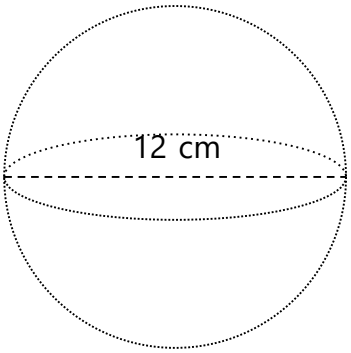
4)



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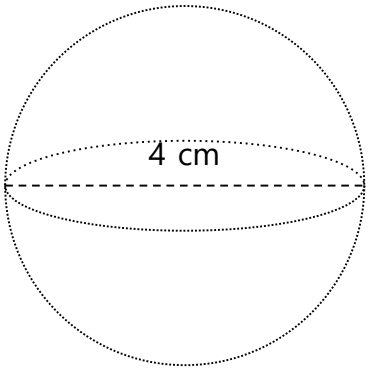
5)



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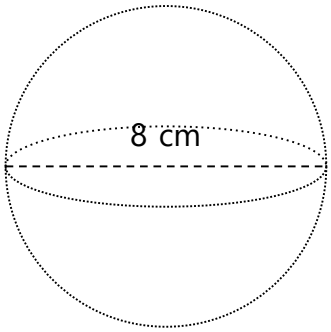
6)



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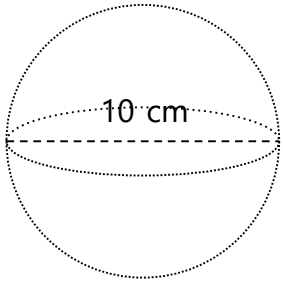
7)



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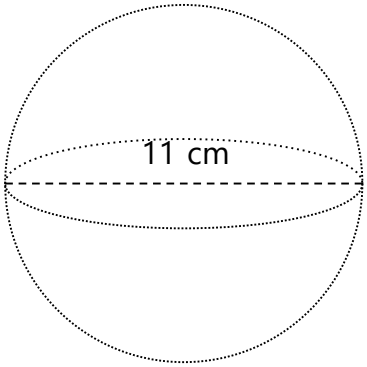
8)



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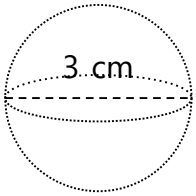
9)



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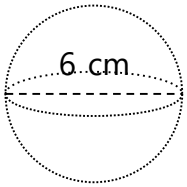
Name:_____ Class:_____ Date:____/____/_____

Volume Of Spheres 3

Find the volume.

1)



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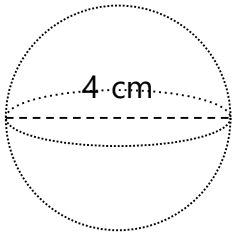
2)



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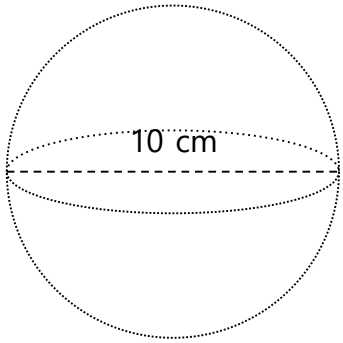
3)



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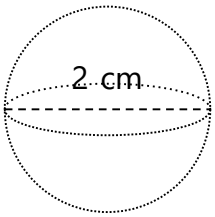
4)



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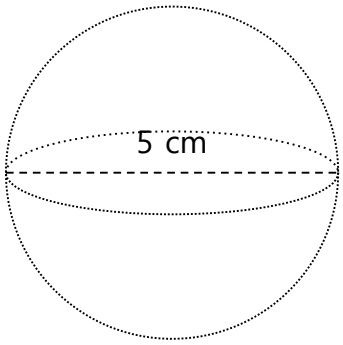
5)



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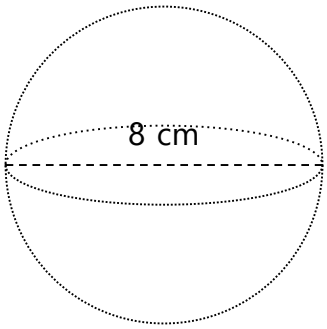
6)



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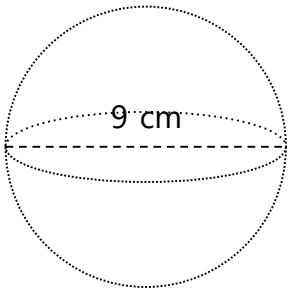
7)



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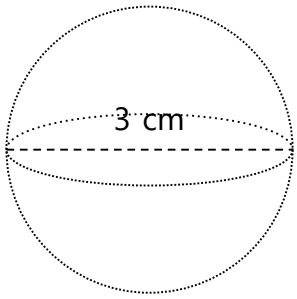
8)



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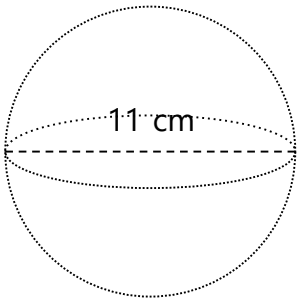
9)



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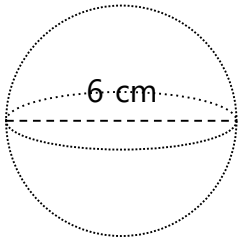
Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Spheres 1

Find the surface area.

1)



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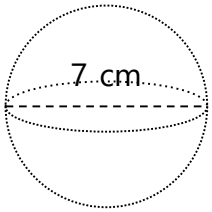
2)



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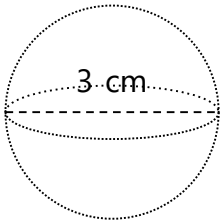
3)



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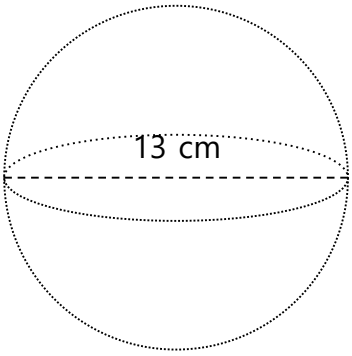
4)



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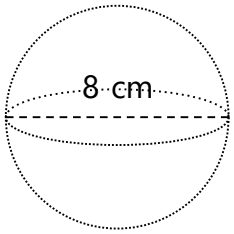
5)



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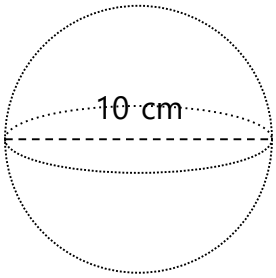
6)



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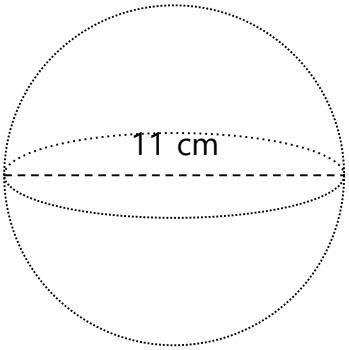
7)



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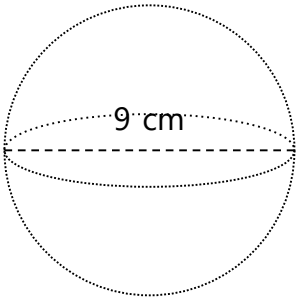
8)



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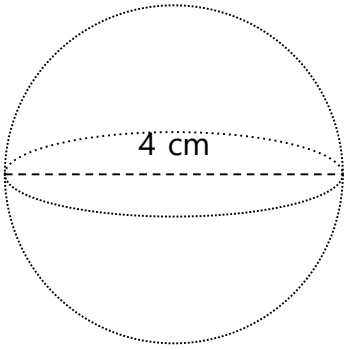
9)



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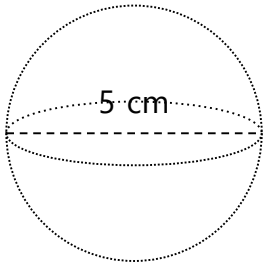
Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Spheres 2

Find the surface area.

1)



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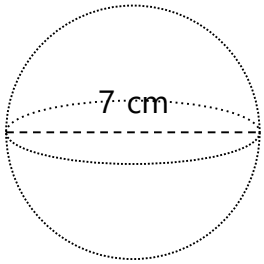
2)



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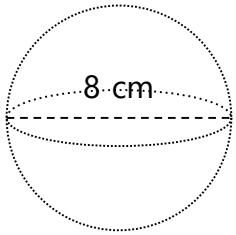
3)



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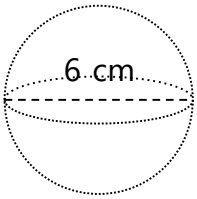
4)



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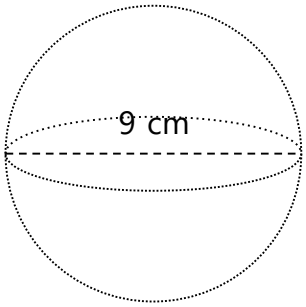
5)



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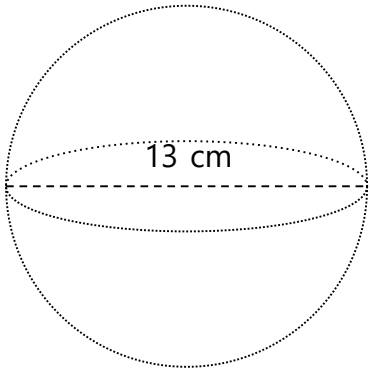
6)



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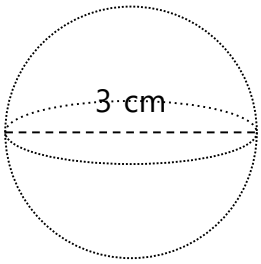
7)



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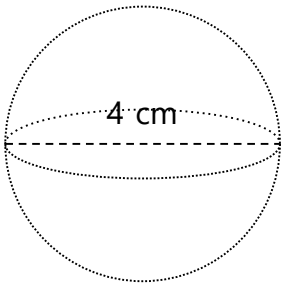
8)



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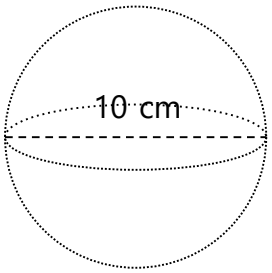
9)



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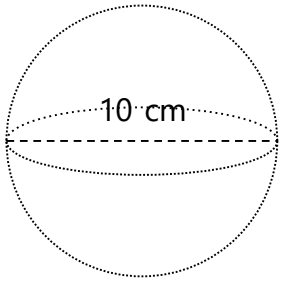
Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Spheres 3

Find the surface area.

1)



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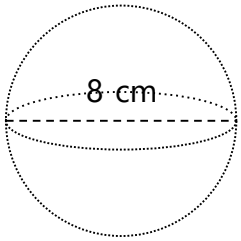
2)



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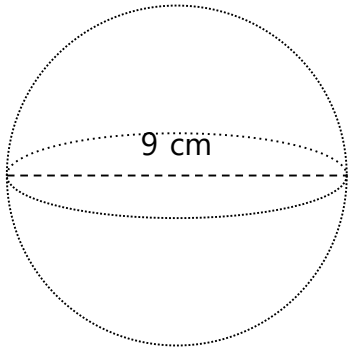
3)



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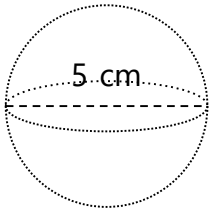
4)



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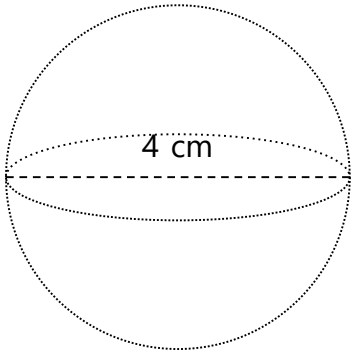
5)



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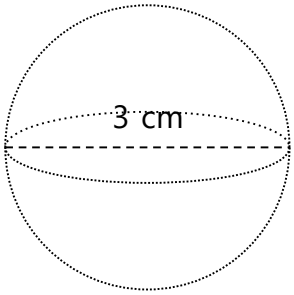
6)



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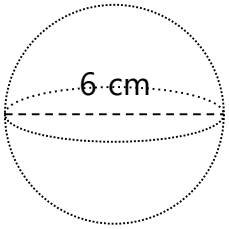
7)



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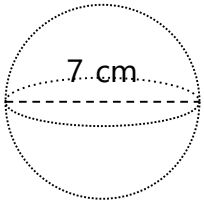
8)



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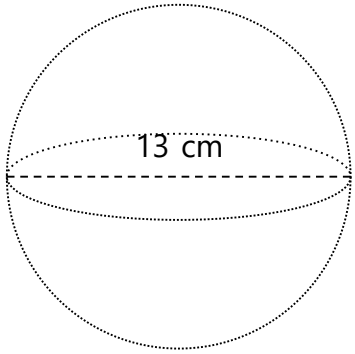
9)



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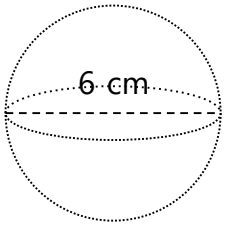
Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Spheres 1

Find the volume and surface area.

1)



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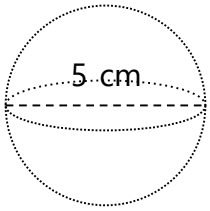
2)



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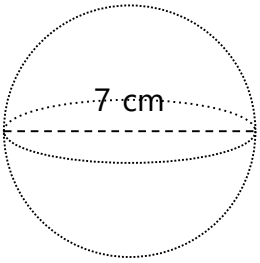
3)



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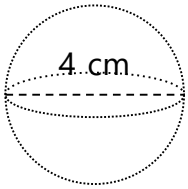
4)



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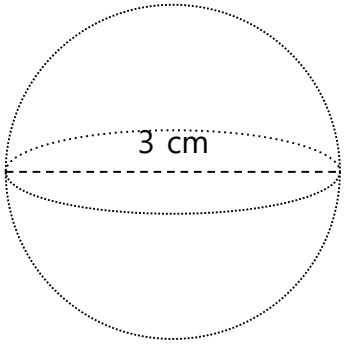
5)



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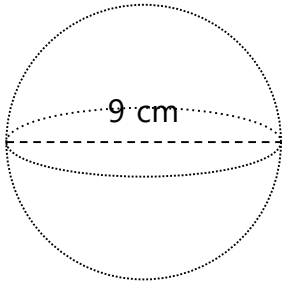
6)



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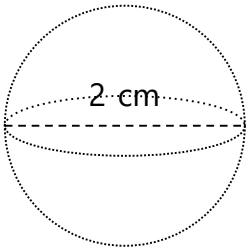
7)



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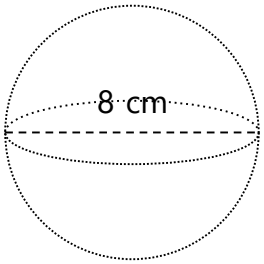
8)



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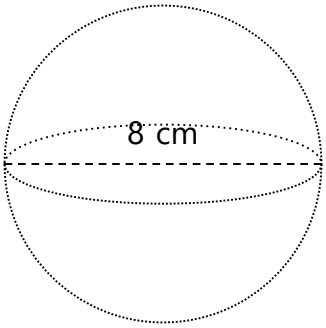
Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Spheres 2

Find the volume and surface area.

1)



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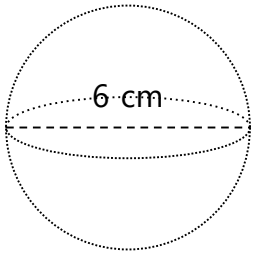
2)



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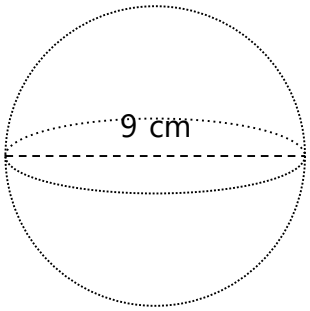
3)



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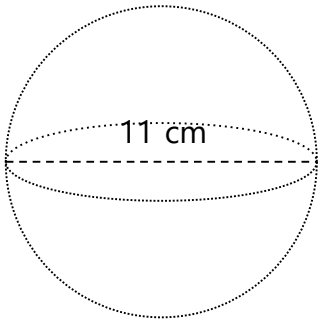
4)



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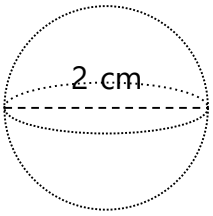
5)



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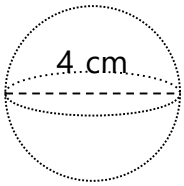
6)



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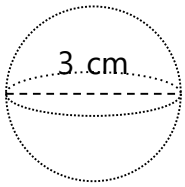
7)



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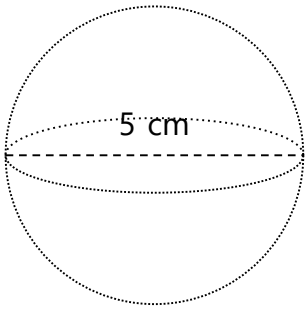
8)



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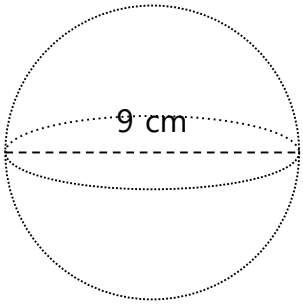
Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Spheres 3

Find the volume and surface area.

1)



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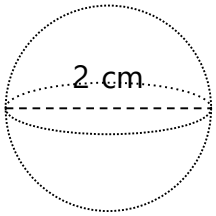
2)



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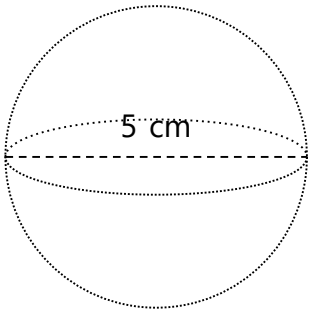
3)



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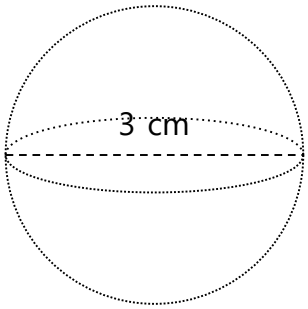
4)



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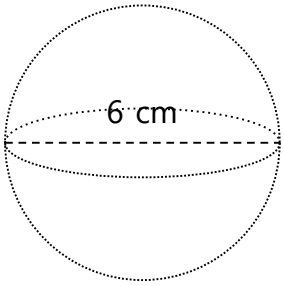
5)



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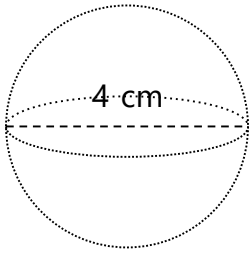
6)



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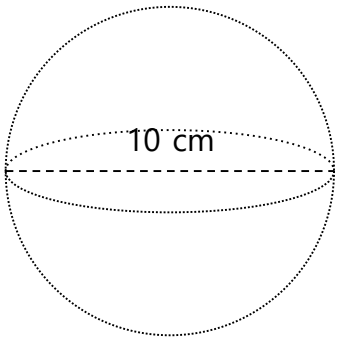
7)



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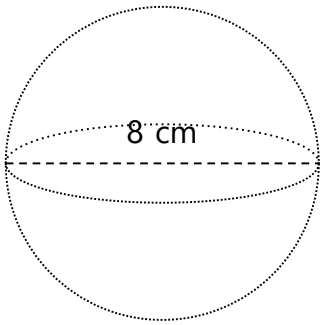
8)



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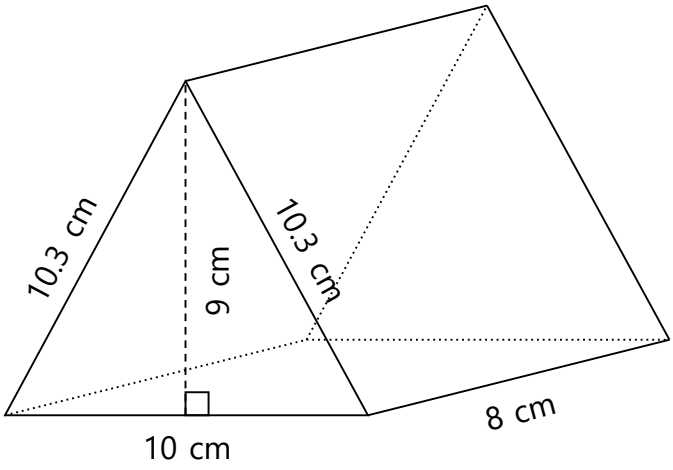
Name:_____ Class:_____ Date:____/____/_____

Volume Of Triangular Prisms 1

Find the volume.

1)



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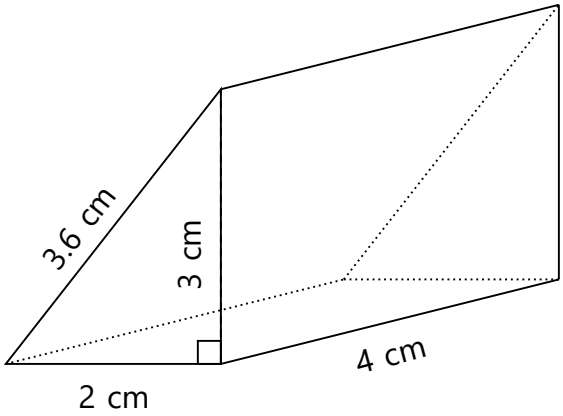
2)



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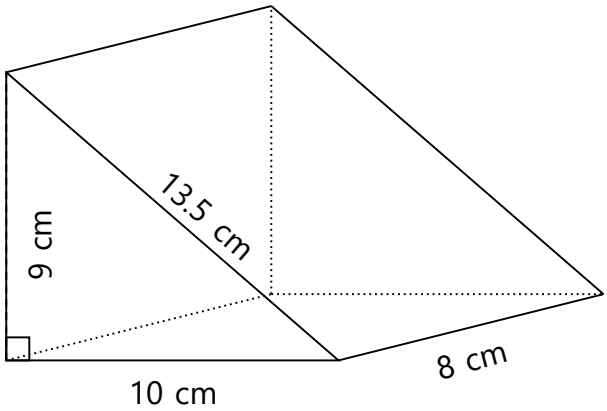
3)



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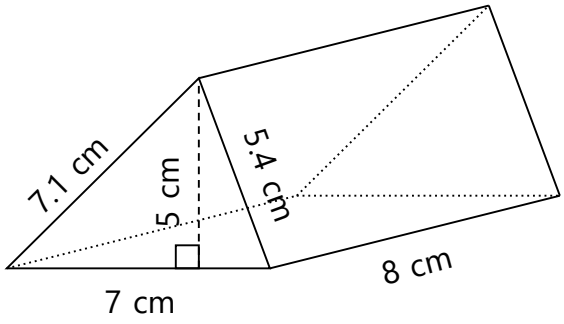
Name:_____ Class:_____ Date:____/____/_____

Volume Of Triangular Prisms 2

Find the volume.

1)



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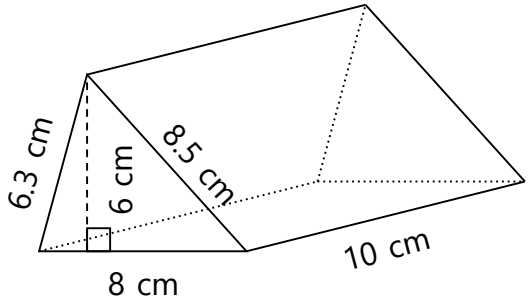
2)



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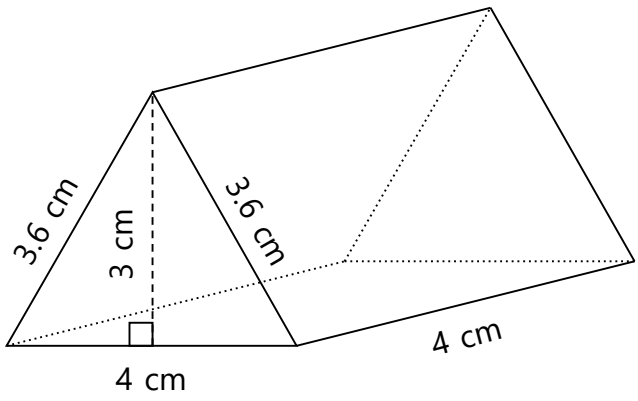
3)



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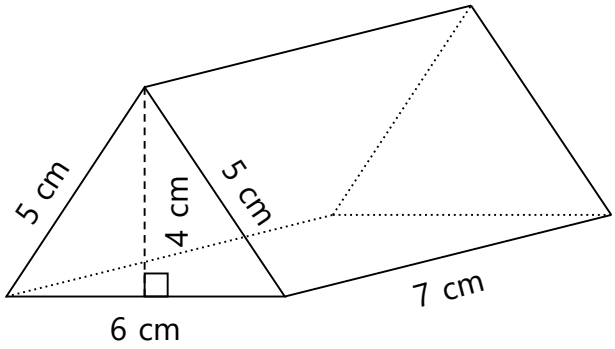
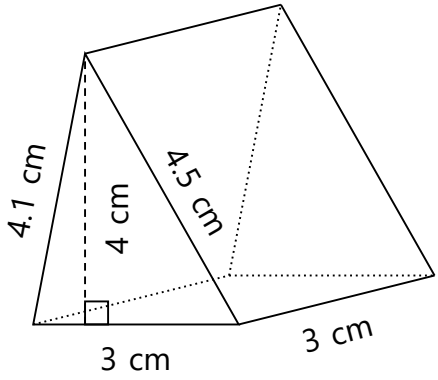
Volume Of Triangular Prisms 3

Find the volume.

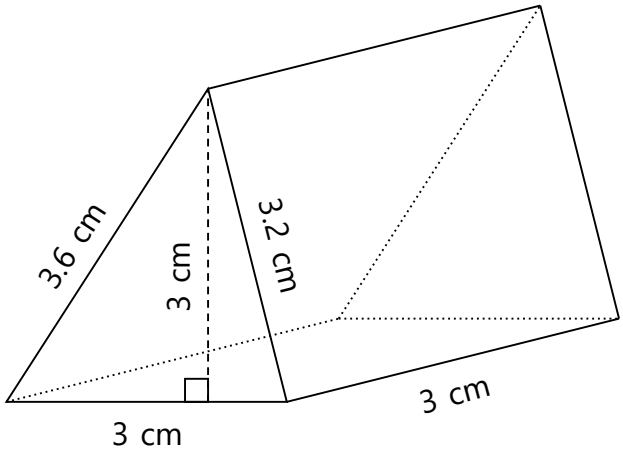
1)



2)



3)

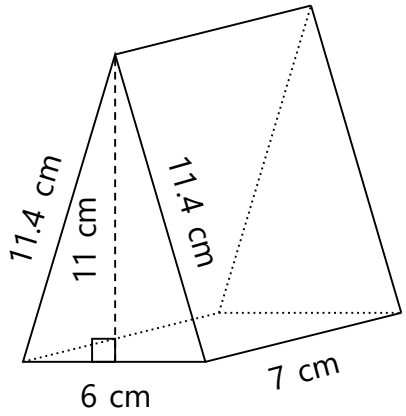


Name:_____ Class:_____ Date:____/____/_____

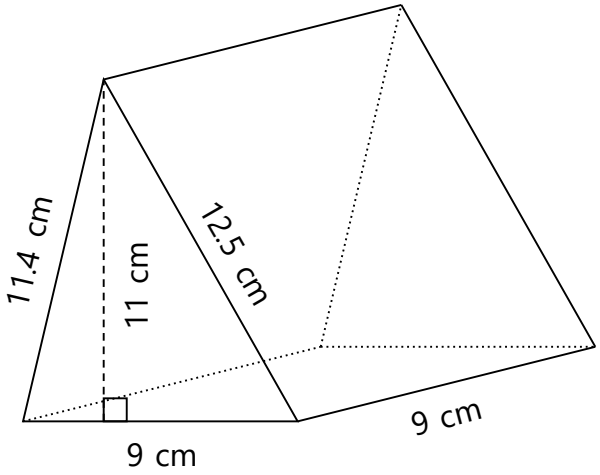
Surface Area Of Triangular Prisms 1

Find the surface area.

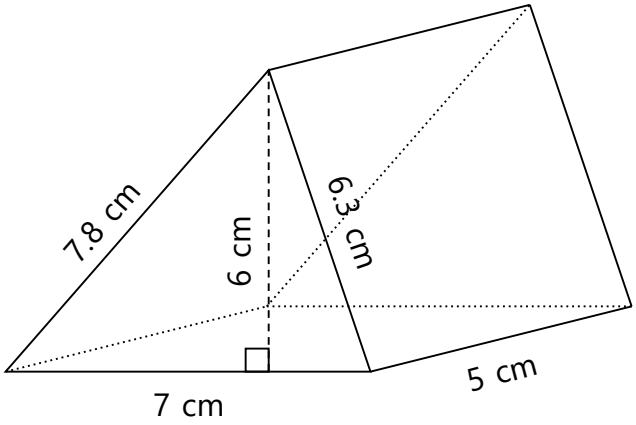
1)



2)



3)

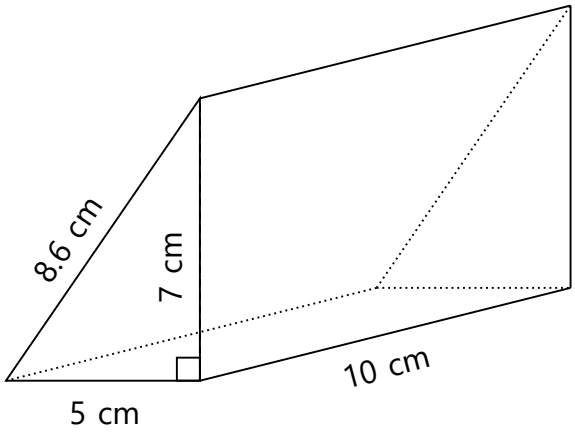


Name:_____ Class:_____ Date:____/____/_____

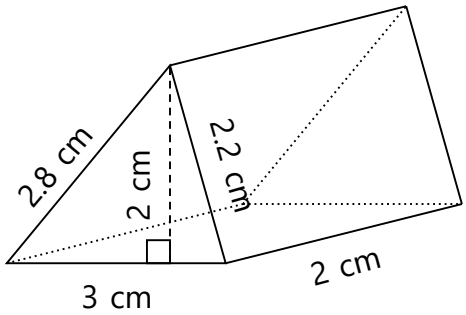
Surface Area Of Triangular Prisms 2

Find the surface area.

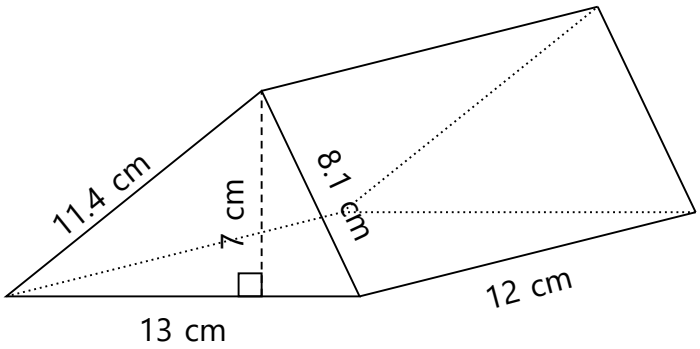
1)



2)



3)

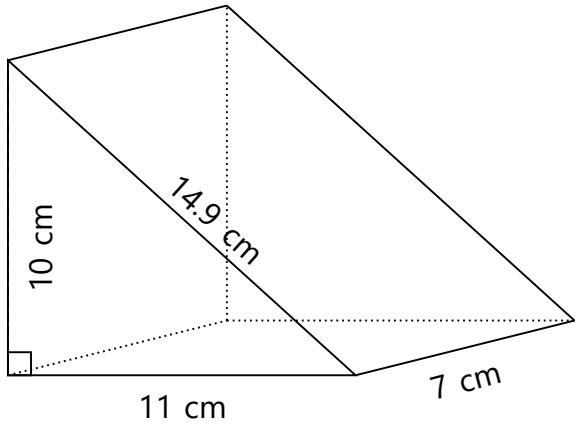


Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Triangular Prisms 3

Find the surface area.

1)



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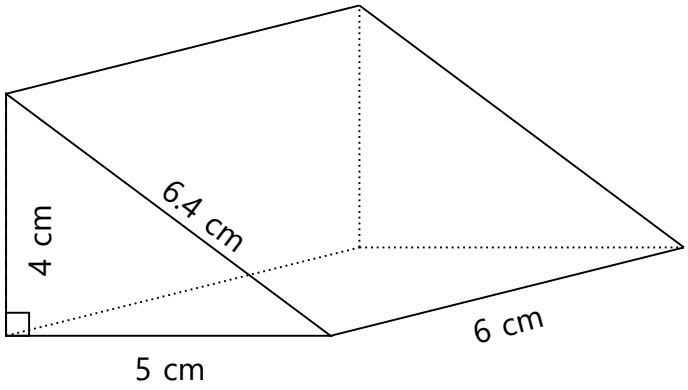
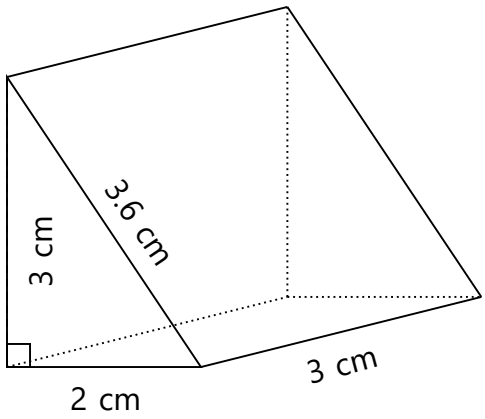
2)



_____

3)



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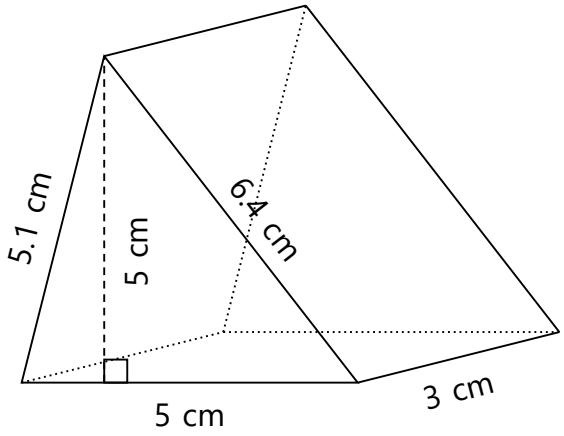
Name:_____ Class:_____ Date:____/____/_____

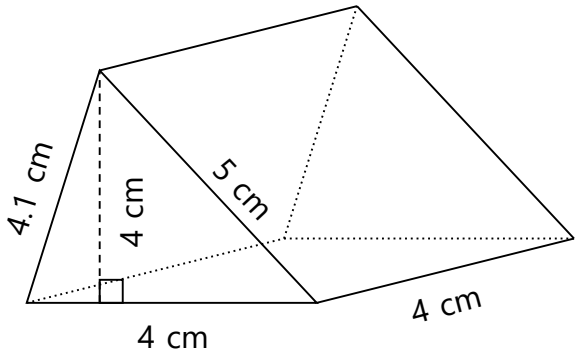
Volume And Surface Area Of Triangular Prisms 1

Find the volume and surface area.

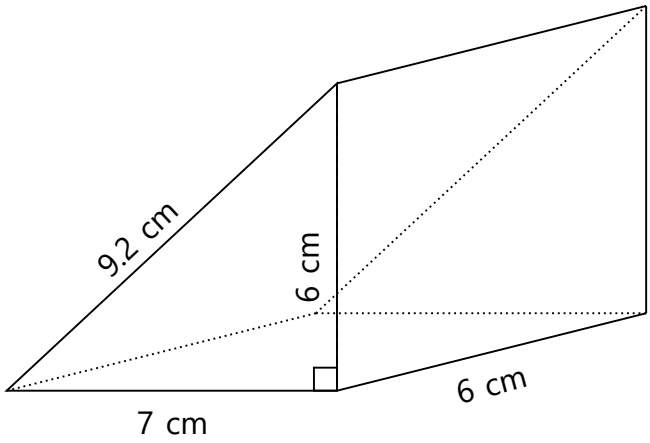
1)



2)



3)

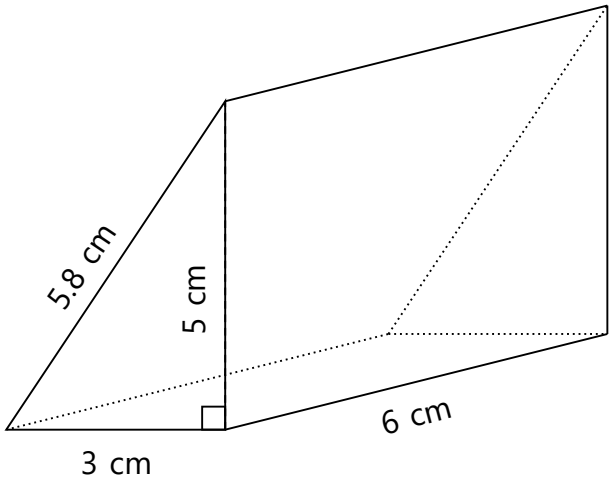


Name:_____ Class:_____ Date:____/____/_____

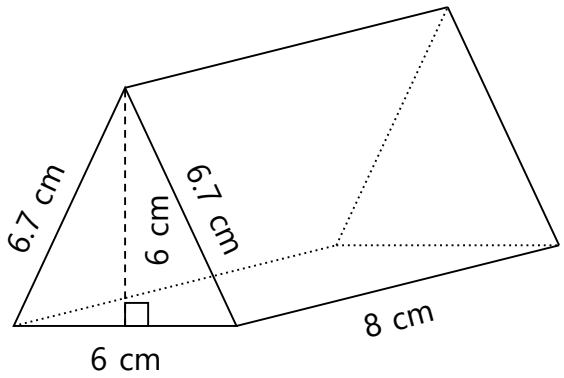
Volume And Surface Area Of Triangular Prisms 2

Find the volume and surface area.

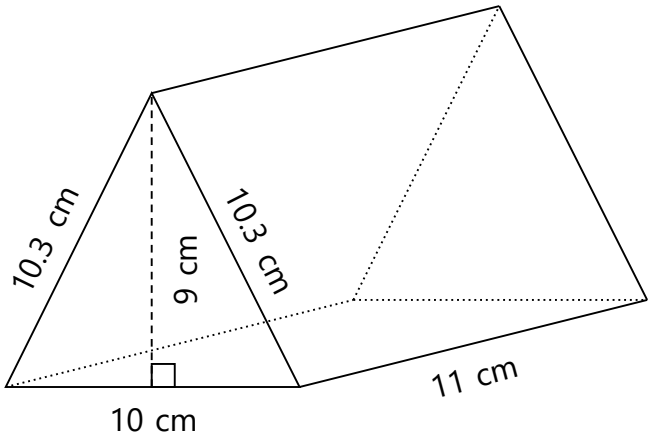
1)



2)



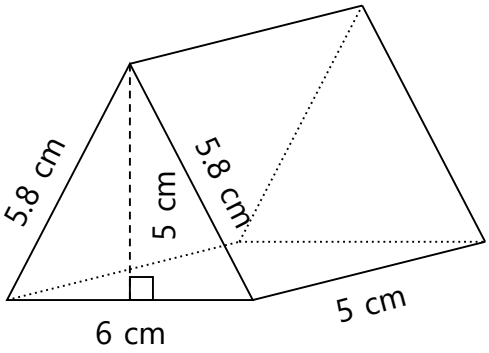
3)



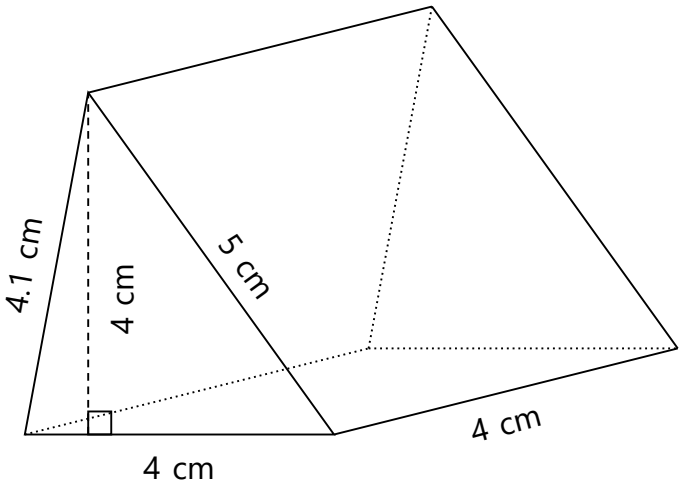
Volume And Surface Area Of Triangular Prisms 3

Find the volume and surface area.

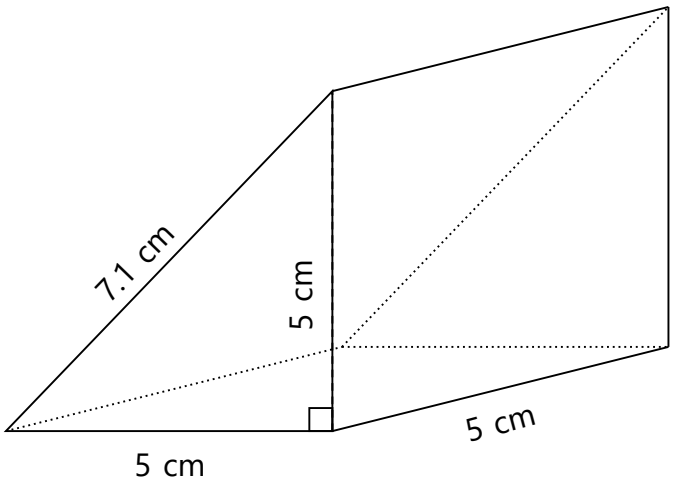
1)



2)



3)

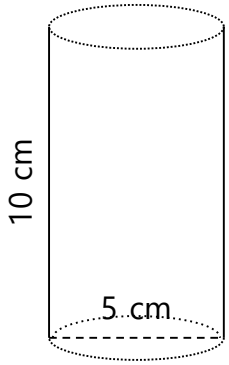


Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 1

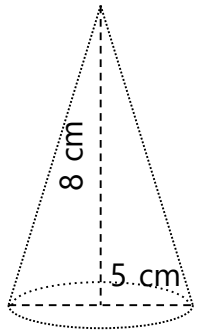
Find the volume.

1)



_____

2)



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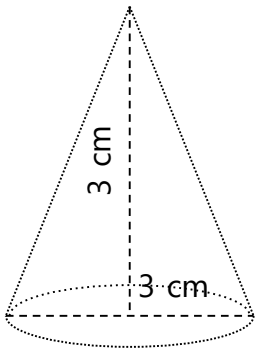
3)



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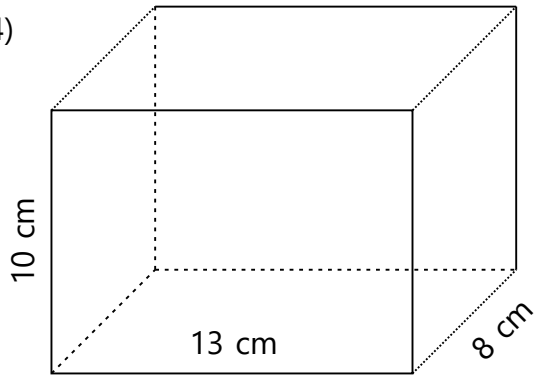
4)



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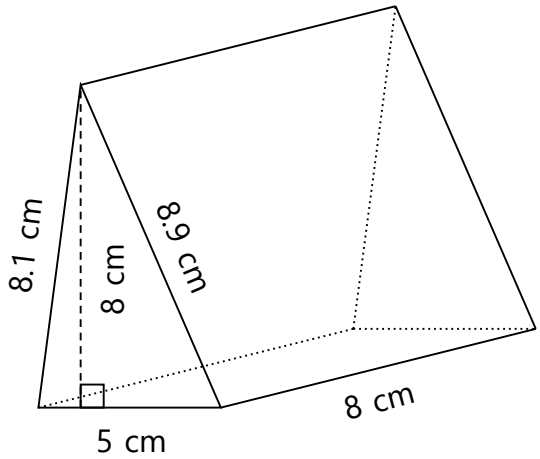
5)



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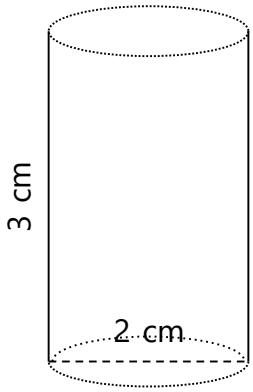
6)



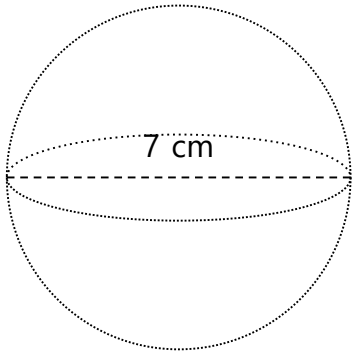
_____

Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 2

Find the volume.

1)



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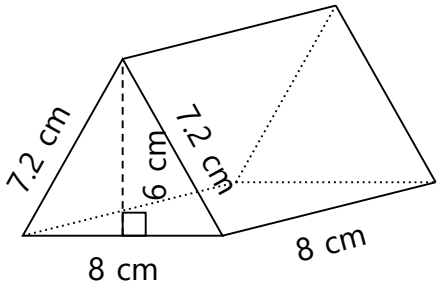
2)



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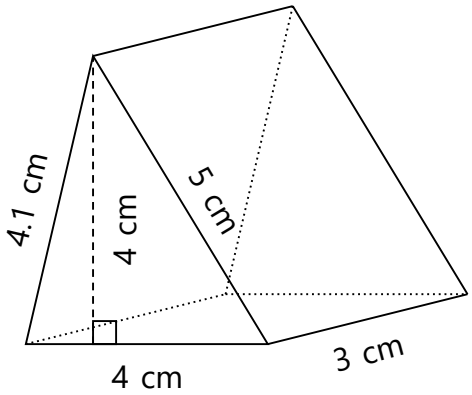
3)



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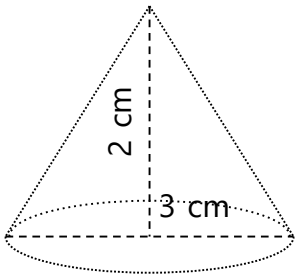
4)



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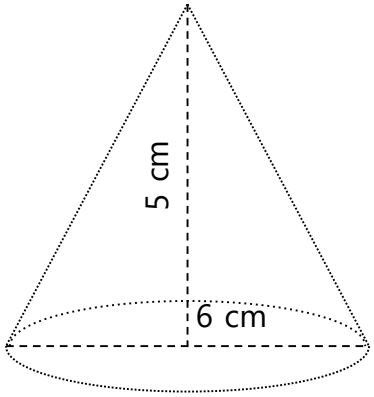
5)



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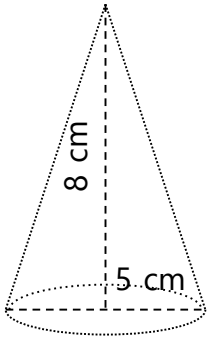
6)



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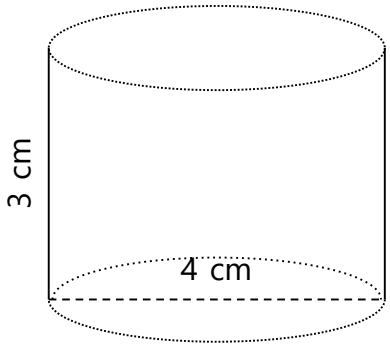
Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 3

Find the volume.

1)



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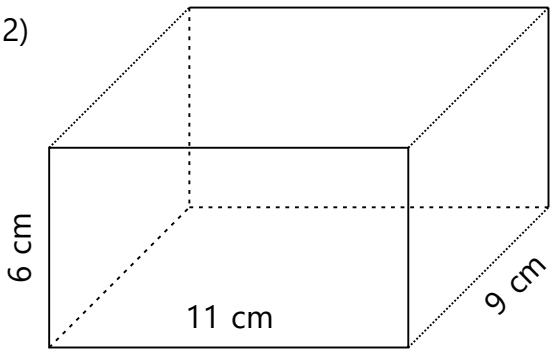
2)



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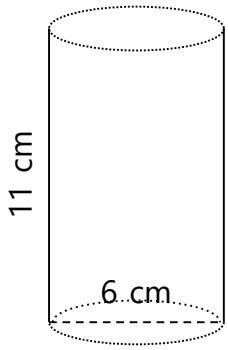
3)



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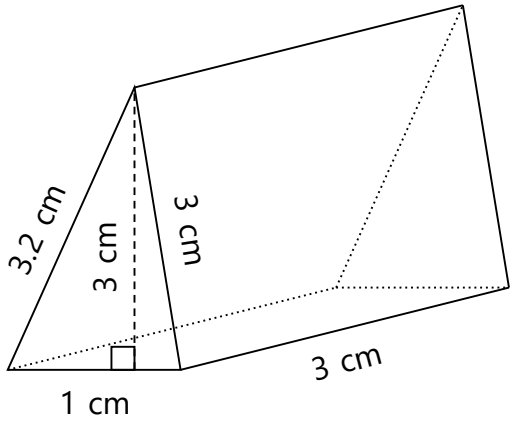
4)



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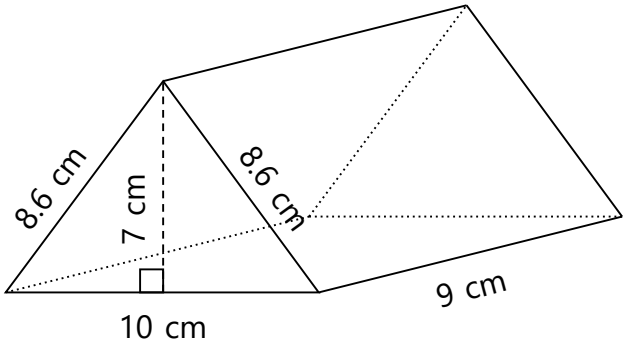
5)



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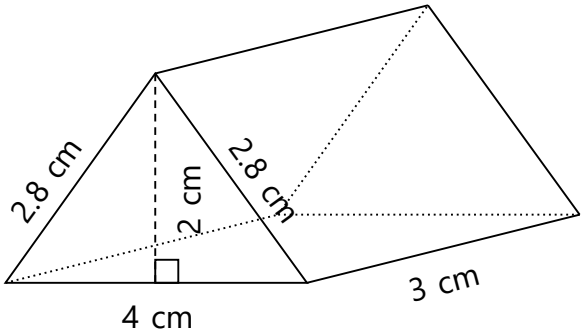
6)



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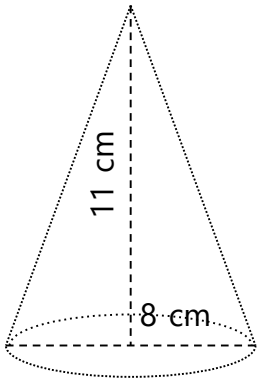
Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 4

Find the volume.

1)



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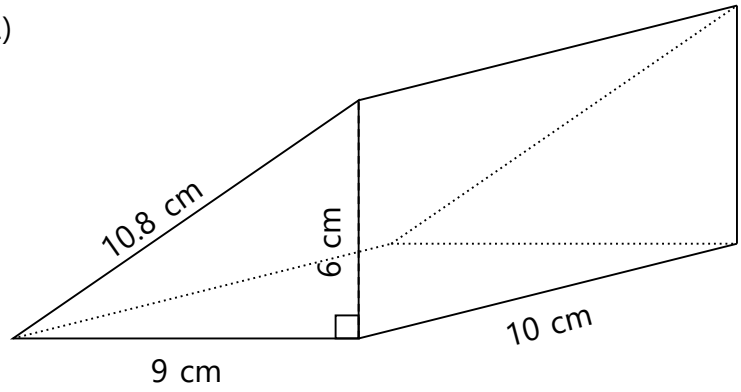
2)



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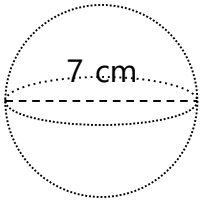
3)



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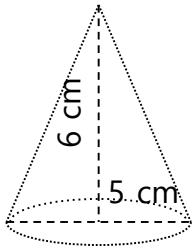
4)



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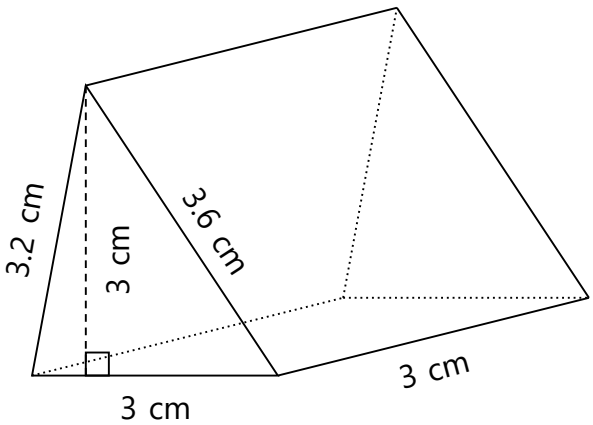
5)



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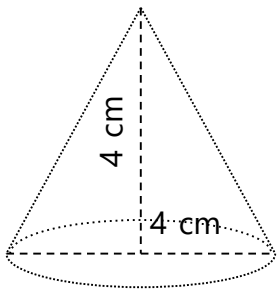
6)



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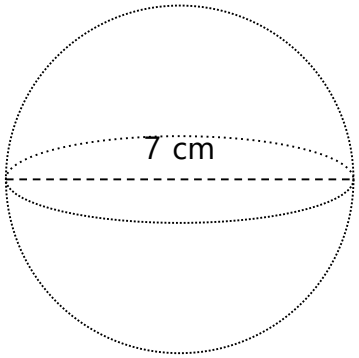
Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 5

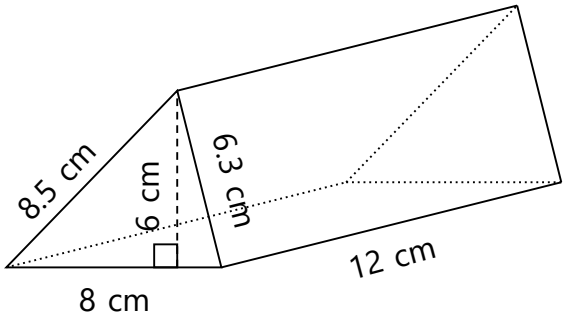
Find the volume.

1)



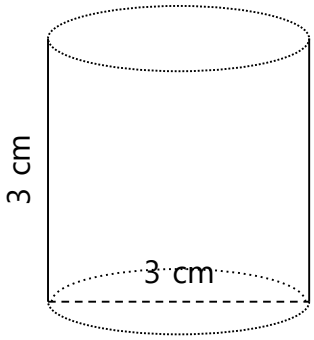
_____

2)



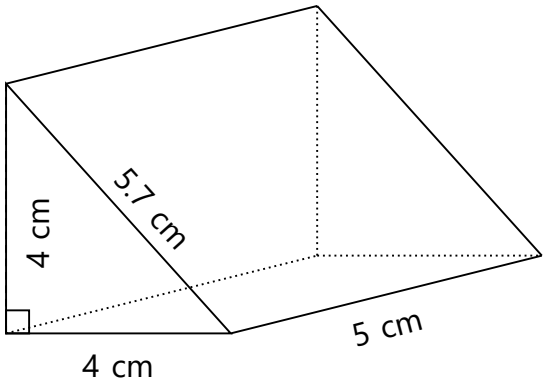
_____

3)



_____

4)



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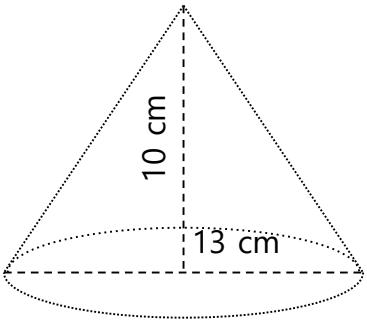
5)



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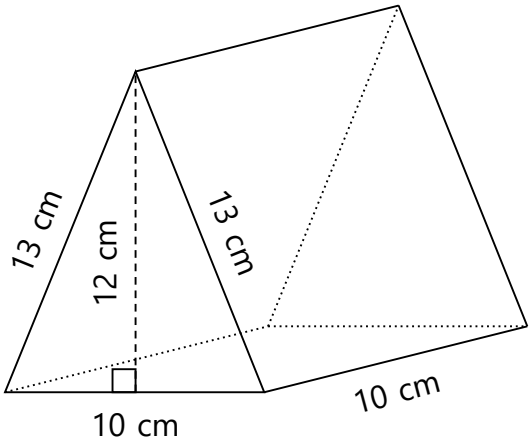
6)



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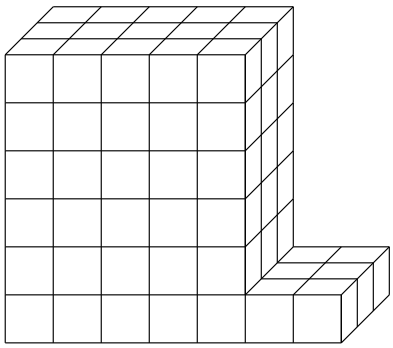
Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 1

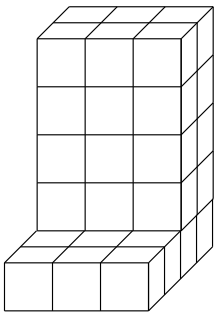
Determine the number of cubes.

1)



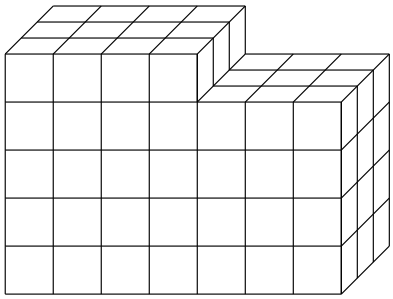
_____

2)



_____

3)



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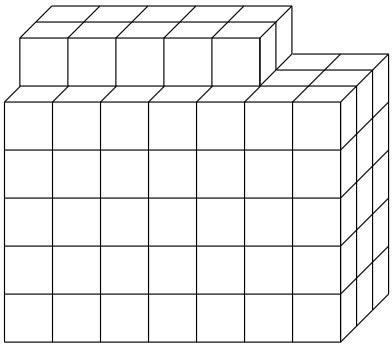
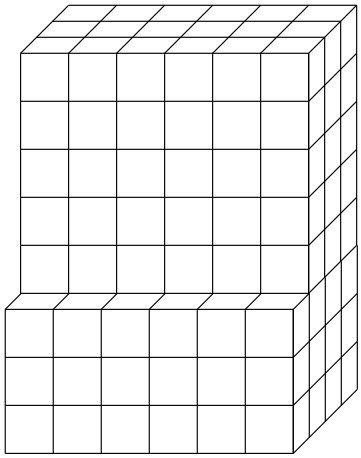
4)



_____

5)



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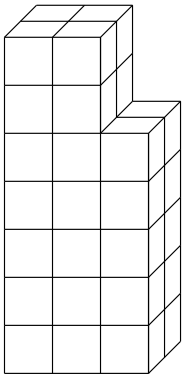
6)



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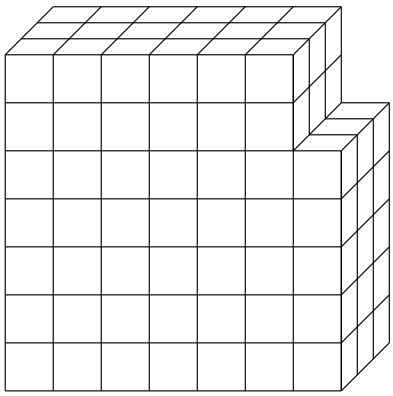
Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 2

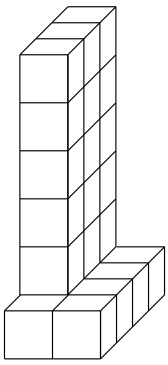
Determine the number of cubes.

1)



_____

2)



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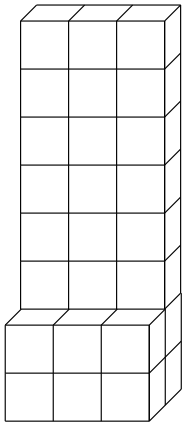
3)



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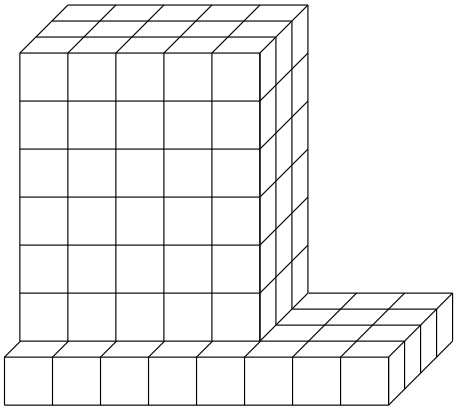
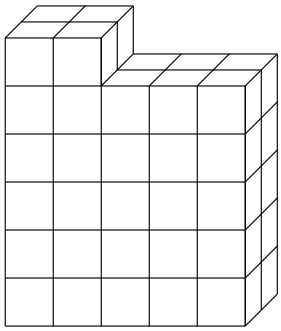
4)



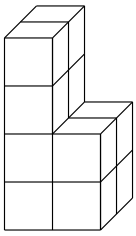
_____

5)



_____

6)



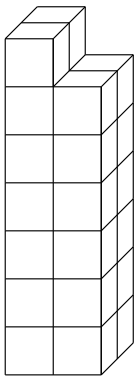
_____

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 3

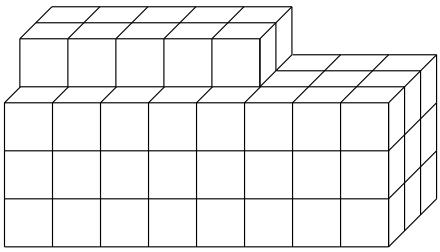
Determine the number of cubes.

1)



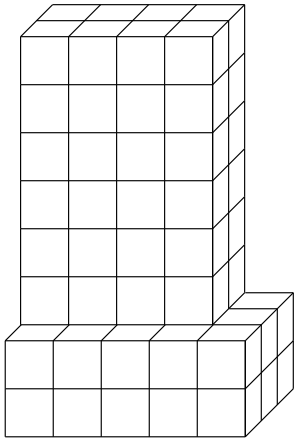
_____

2)



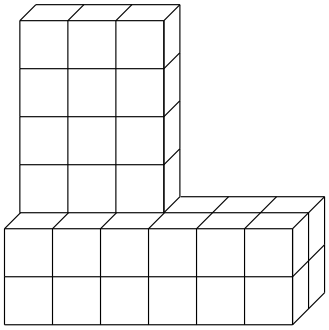
_____

3)



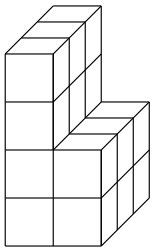
_____

4)



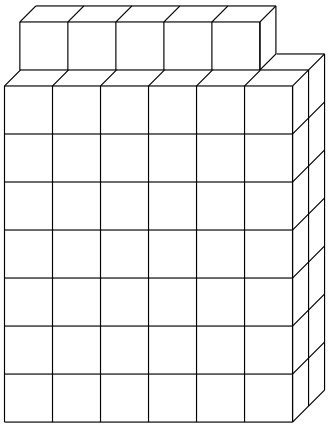
_____

5)



_____

6)



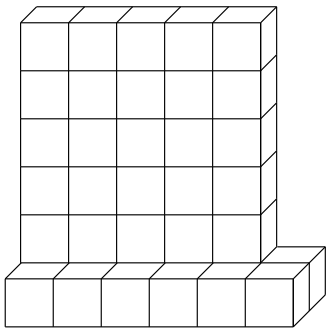
_____

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 4

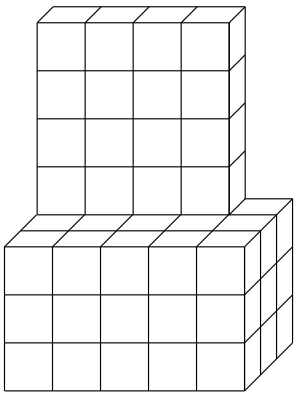
Determine the number of cubes.

1)



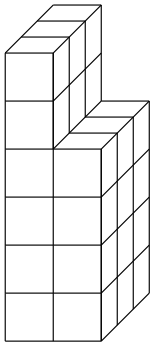
_____

2)



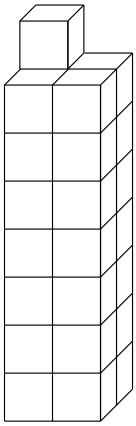
_____

3)



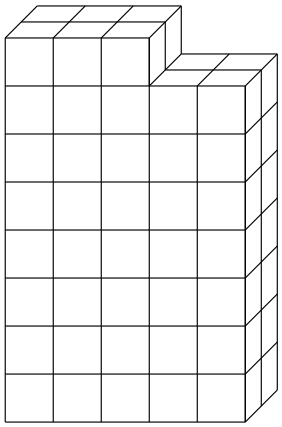
_____

4)



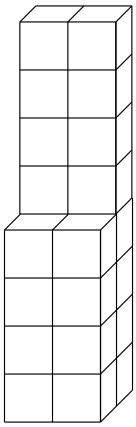
_____

5)



_____

6)



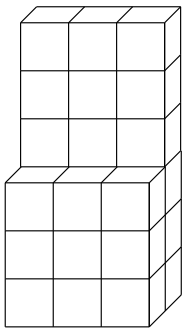
_____

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 5

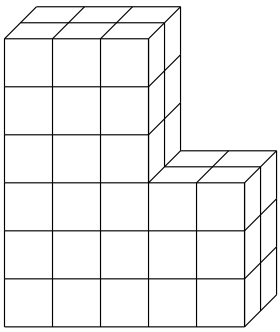
Determine the number of cubes.

1)



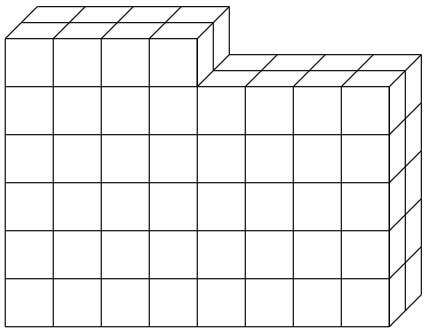
_____

2)



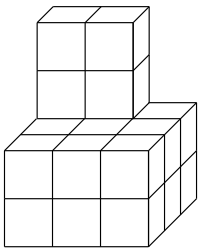
_____

3)



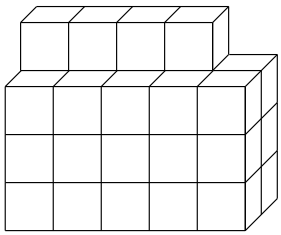
_____

4)



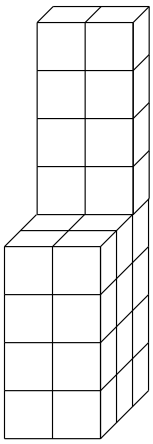
_____

5)



_____

6)



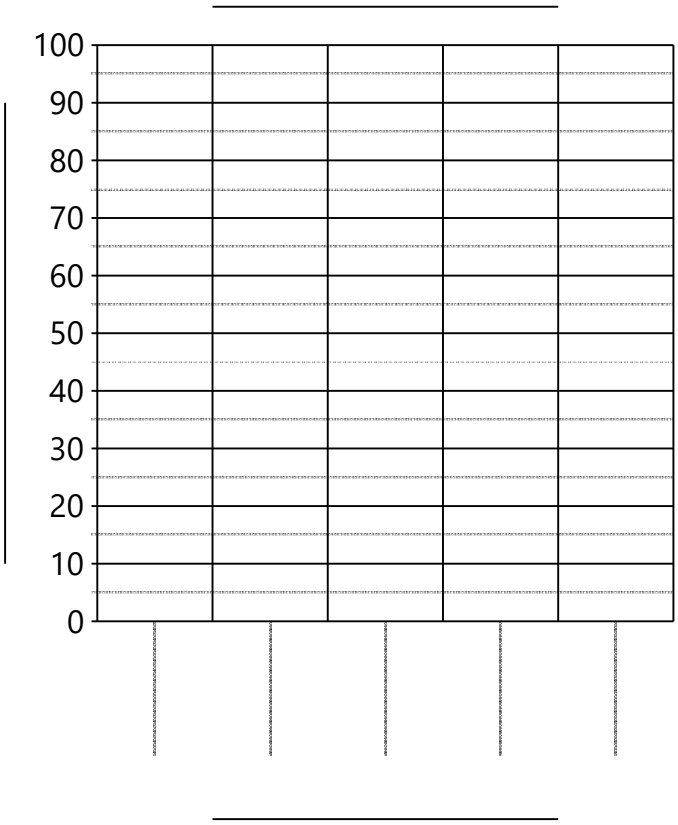
_____

Name:_____ Class:_____ Date:____/____/_____

Bar Graphs

Complete the graph.

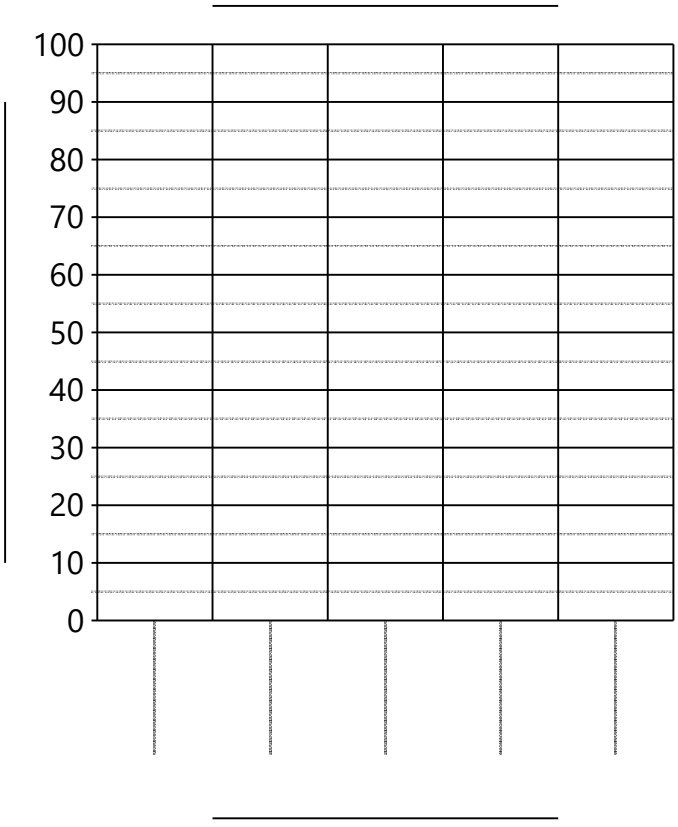
1)



Fruits

Fruit Name	Frequency
Peaches	21
Apples	48
Pears	69
Oranges	69
Plums	67

2)



Fruits

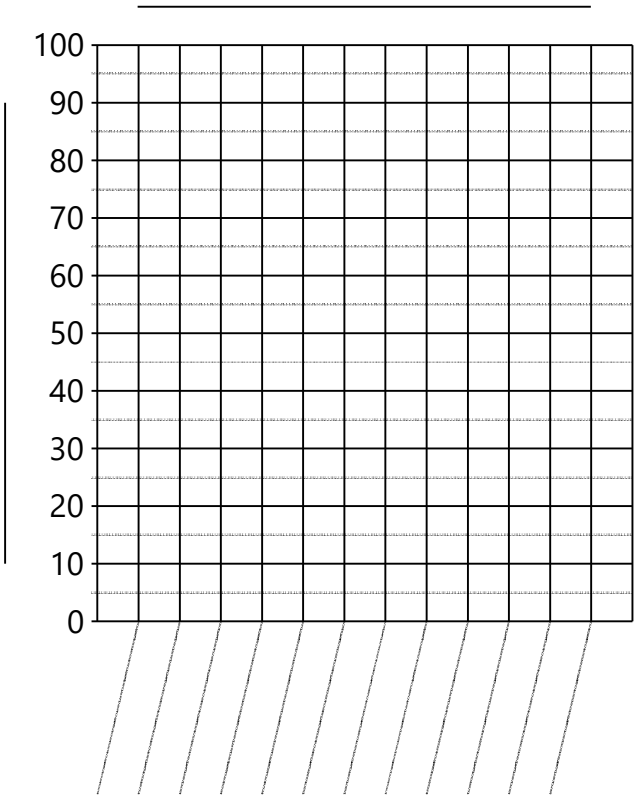
Fruit Name	Frequency
Peaches	21
Apples	25
Pears	49
Oranges	50
Plums	28

Name:_____ Class:_____ Date:____/____/_____

Line Graphs

Complete the graph.

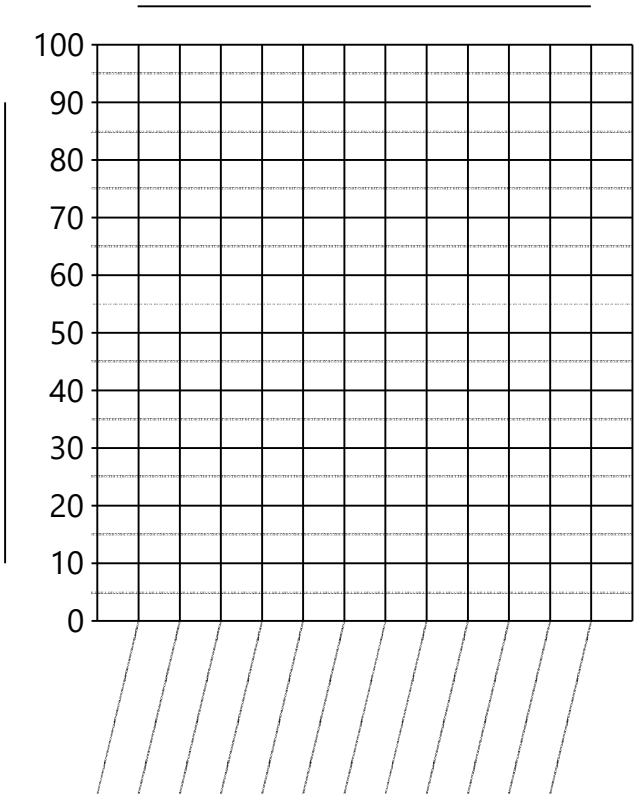
1)



Rainfall During The Year

Month	Rainfall (mm)
January	29
February	34
March	48
April	62
May	79
June	86
July	87
August	84
September	70
October	52
November	37
December	10

2)



Rainfall During The Year

Month	Rainfall (mm)
January	29
February	30
March	43
April	58
May	76
June	98
July	99
August	97
September	82
October	65
November	58
December	17

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 1

Convert the given measures to new units.

1) 73 cm = _____ mm
2) 22 cm = _____ mm
3) 31 cm = _____ m
4) 29 mm = _____ cm
5) 22 m = _____ cm
6) 99 cm = _____ m
7) 73 mm = _____ cm
8) 12 m = _____ cm
9) 73 m = _____ cm
10) 61 m = _____ mm
11) 46 cm = _____ m
12) 71 mm = _____ m
13) 85 m = _____ cm
14) 41 cm = _____ mm
15) 56 m = _____ cm
16) 88 m = _____ cm
17) 49 m = _____ mm
18) 66 m = _____ cm
19) 22 cm = _____ m
20) 65 m = _____ mm
21) 67 mm = _____ m
22) 66 mm = _____ cm
23) 82 mm = _____ cm
24) 13 m = _____ cm
25) 91 mm = _____ m
26) 96 cm = _____ m
27) 39 m = _____ cm
28) 21 mm = _____ cm
29) 28 mm = _____ m
30) 85 cm = _____ m
31) 39 mm = _____ cm
32) 36 m = _____ cm
33) 61 m = _____ cm
34) 98 m = _____ cm
35) 73 m = _____ mm
36) 69 m = _____ cm
37) 11 m = _____ mm
38) 29 m = _____ cm
39) 35 cm = _____ m
40) 91 cm = _____ mm
41) 38 m = _____ mm
42) 53 cm = _____ mm
43) 88 mm = _____ cm
44) 67 m = _____ cm
45) 70 m = _____ cm
46) 36 cm = _____ mm
47) 59 mm = _____ cm
48) 18 cm = _____ m
49) 79 mm = _____ cm
50) 43 m = _____ cm
51) 93 cm = _____ m
52) 24 m = _____ mm
53) 48 mm = _____ cm
54) 42 cm = _____ mm

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 2

Convert the given measures to new units.

1) 45 g = _____ mg
2) 82 mg = _____ g
3) 16 g = _____ mg
4) 54 mg = _____ g
5) 89 mg = _____ g
6) 59 g = _____ mg
7) 45 mg = _____ g
8) 85 g = _____ mg
9) 97 g = _____ mg
10) 97 mg = _____ g
11) 29 g = _____ mg
12) 11 mg = _____ g
13) 56 mg = _____ g
14) 44 g = _____ mg
15) 74 mg = _____ g
16) 42 g = _____ mg
17) 31 mg = _____ g
18) 83 g = _____ mg
19) 57 mg = _____ g
20) 36 g = _____ mg
21) 86 g = _____ mg
22) 71 mg = _____ g
23) 30 g = _____ mg
24) 88 g = _____ mg
25) 81 g = _____ mg
26) 71 g = _____ mg
27) 47 g = _____ mg
28) 64 mg = _____ g
29) 73 mg = _____ g
30) 95 g = _____ mg
31) 84 g = _____ mg
32) 66 mg = _____ g
33) 60 mg = _____ g
34) 75 g = _____ mg
35) 79 mg = _____ g
36) 20 g = _____ mg
37) 80 g = _____ mg
38) 61 mg = _____ g
39) 30 mg = _____ g
40) 24 g = _____ mg
41) 17 g = _____ mg
42) 40 mg = _____ g
43) 28 g = _____ mg
44) 18 g = _____ mg
45) 95 mg = _____ g
46) 33 g = _____ mg
47) 10 mg = _____ g
48) 77 g = _____ mg
49) 72 g = _____ mg
50) 87 g = _____ mg
51) 96 mg = _____ g
52) 60 g = _____ mg
53) 64 g = _____ mg
54) 37 g = _____ mg

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 3

Convert the given measures to new units.

1) 90 kg = _____ t
2) 18 t = _____ kg
3) 44 t = _____ kg
4) 46 t = _____ kg
5) 94 t = _____ kg
6) 56 t = _____ kg
7) 27 kg = _____ t
8) 41 t = _____ kg
9) 25 kg = _____ t
10) 42 t = _____ kg
11) 91 t = _____ kg
12) 30 kg = _____ t
13) 34 t = _____ kg
14) 29 kg = _____ t
15) 96 t = _____ kg
16) 14 kg = _____ t
17) 74 kg = _____ t
18) 42 kg = _____ t
19) 13 kg = _____ t
20) 82 t = _____ kg
21) 61 kg = _____ t
22) 98 t = _____ kg
23) 58 kg = _____ t
24) 47 t = _____ kg
25) 62 kg = _____ t
26) 48 kg = _____ t
27) 23 kg = _____ t
28) 35 t = _____ kg
29) 88 t = _____ kg
30) 81 t = _____ kg
31) 22 kg = _____ t
32) 27 t = _____ kg
33) 22 t = _____ kg
34) 78 kg = _____ t
35) 26 t = _____ kg
36) 88 kg = _____ t
37) 64 kg = _____ t
38) 73 t = _____ kg
39) 87 kg = _____ t
40) 90 t = _____ kg
41) 31 kg = _____ t
42) 20 t = _____ kg
43) 37 kg = _____ t
44) 79 kg = _____ t
45) 50 kg = _____ t
46) 89 kg = _____ t
47) 50 t = _____ kg
48) 15 kg = _____ t
49) 19 kg = _____ t
50) 91 kg = _____ t
51) 59 kg = _____ t
52) 83 t = _____ kg
53) 56 kg = _____ t
54) 43 kg = _____ t

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 4

Convert the given measures to new units.

1) 23 L = _____ mL
2) 33 mL = _____ L
3) 38 mL = _____ L
4) 51 L = _____ mL
5) 71 mL = _____ L
6) 99 L = _____ mL
7) 33 L = _____ mL
8) 88 mL = _____ L
9) 60 mL = _____ L
10) 58 mL = _____ L
11) 21 L = _____ mL
12) 89 L = _____ mL
13) 71 L = _____ mL
14) 36 L = _____ mL
15) 24 L = _____ mL
16) 80 L = _____ mL
17) 39 mL = _____ L
18) 85 L = _____ mL
19) 44 L = _____ mL
20) 70 mL = _____ L
21) 56 L = _____ mL
22) 15 mL = _____ L
23) 79 mL = _____ L
24) 68 L = _____ mL
25) 83 mL = _____ L
26) 94 L = _____ mL
27) 43 L = _____ mL
28) 31 L = _____ mL
29) 80 mL = _____ L
30) 63 mL = _____ L
31) 46 mL = _____ L
32) 95 L = _____ mL
33) 12 mL = _____ L
34) 67 mL = _____ L
35) 20 mL = _____ L
36) 25 L = _____ mL
37) 90 L = _____ mL
38) 68 mL = _____ L
39) 98 L = _____ mL
40) 30 L = _____ mL
41) 85 mL = _____ L
42) 10 L = _____ mL
43) 26 L = _____ mL
44) 92 L = _____ mL
45) 66 L = _____ mL
46) 28 mL = _____ L
47) 81 L = _____ mL
48) 87 L = _____ mL
49) 89 mL = _____ L
50) 11 L = _____ mL
51) 77 mL = _____ L
52) 57 mL = _____ L
53) 41 mL = _____ L
54) 40 L = _____ mL

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 5

Convert the given measures to new units.

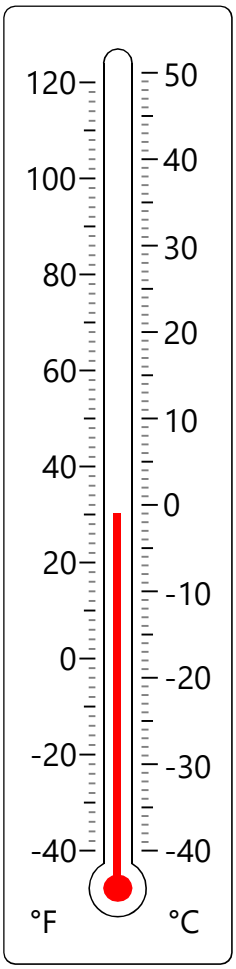
1) 55 kL = _____ L
2) 72 kL = _____ L
3) 22 kL = _____ L
4) 84 kL = _____ L
5) 74 L = _____ kL
6) 72 L = _____ kL
7) 78 kL = _____ L
8) 37 L = _____ kL
9) 68 L = _____ kL
10) 45 kL = _____ L
11) 94 L = _____ kL
12) 68 kL = _____ L
13) 40 kL = _____ L
14) 50 L = _____ kL
15) 56 kL = _____ L
16) 35 kL = _____ L
17) 87 kL = _____ L
18) 16 kL = _____ L
19) 38 L = _____ kL
20) 89 L = _____ kL
21) 88 kL = _____ L
22) 49 L = _____ kL
23) 89 kL = _____ L
24) 67 kL = _____ L
25) 24 L = _____ kL
26) 12 L = _____ kL
27) 81 kL = _____ L
28) 32 L = _____ kL
29) 37 kL = _____ L
30) 23 L = _____ kL
31) 19 L = _____ kL
32) 56 L = _____ kL
33) 71 kL = _____ L
34) 59 kL = _____ L
35) 73 L = _____ kL
36) 64 L = _____ kL
37) 16 L = _____ kL
38) 63 L = _____ kL
39) 41 L = _____ kL
40) 98 L = _____ kL
41) 63 kL = _____ L
42) 45 L = _____ kL
43) 43 kL = _____ L
44) 73 kL = _____ L
45) 41 kL = _____ L
46) 86 L = _____ kL
47) 44 kL = _____ L
48) 33 kL = _____ L
49) 14 kL = _____ L
50) 88 L = _____ kL
51) 70 L = _____ kL
52) 53 kL = _____ L
53) 43 L = _____ kL
54) 46 kL = _____ L

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 1

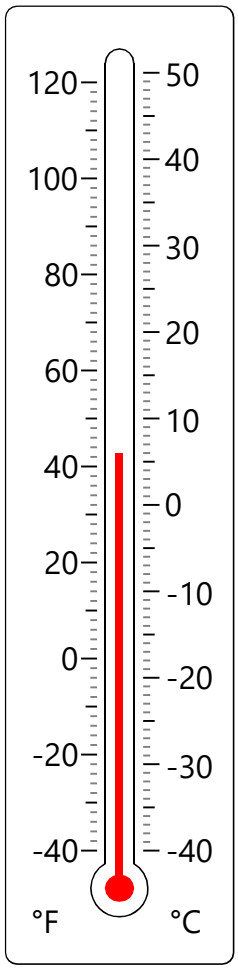
Identify the temperature for each thermometer.

1)



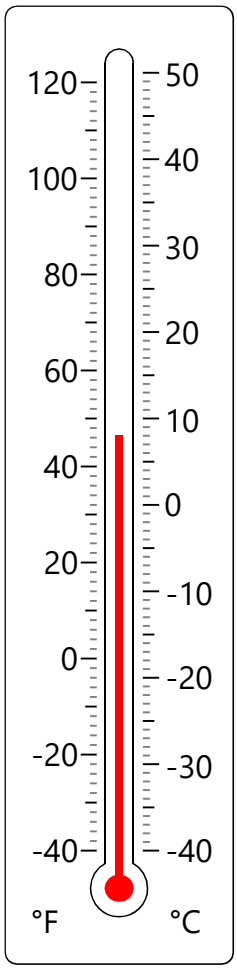
_____ °C

2)



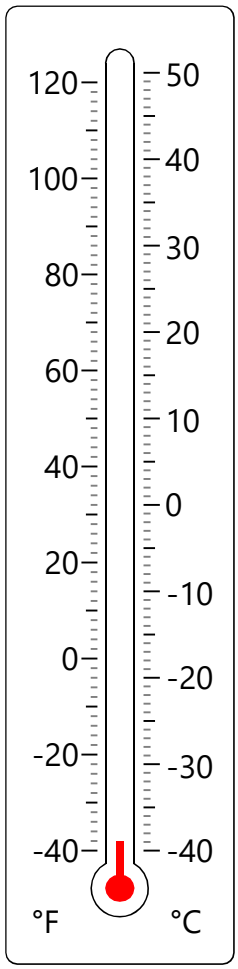
_____ °C

3)



_____ °C

4)



_____ °C

Temperature Conversion

Convert the given temperatures.

1) 115 °F = _____ °C
2) 1 °C = _____ °F
3) 74 °F = _____ °C

4) 16 °F = _____ °C
5) 108 °F = _____ °C
6) 1 °C = _____ °F

7) 62 °F = _____ °C
8) 49 °F = _____ °C
9) 82 °F = _____ °C

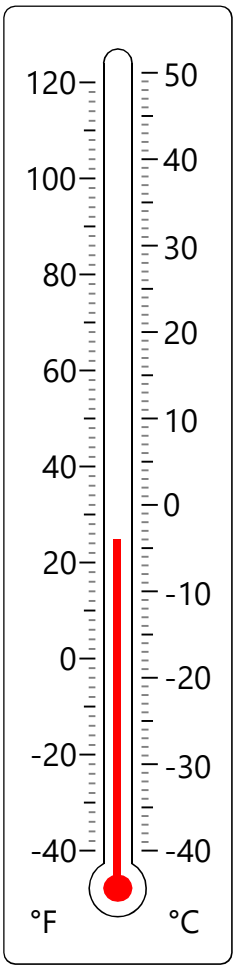
10) 1 °F = _____ °C
11) 1 °C = _____ °F
12) 113 °F = _____ °C

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 2

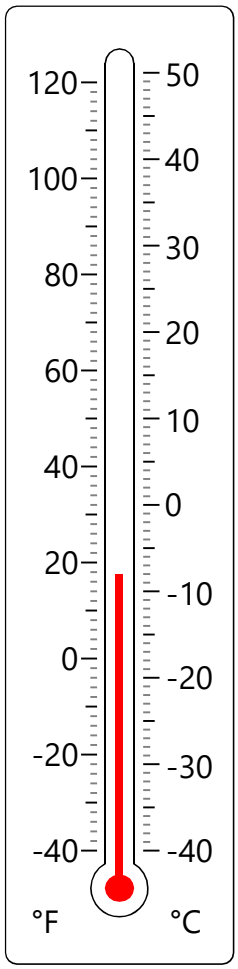
Identify the temperature for each thermometer.

1)



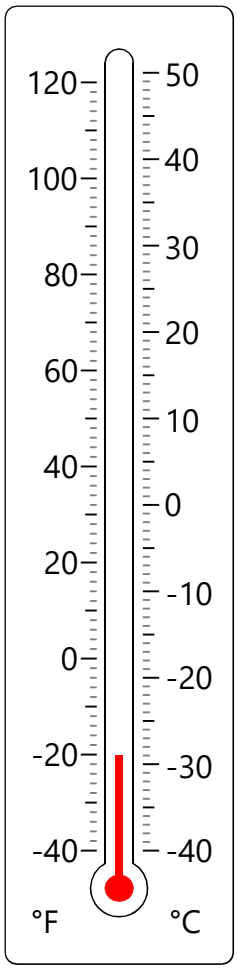
_____ °C

2)



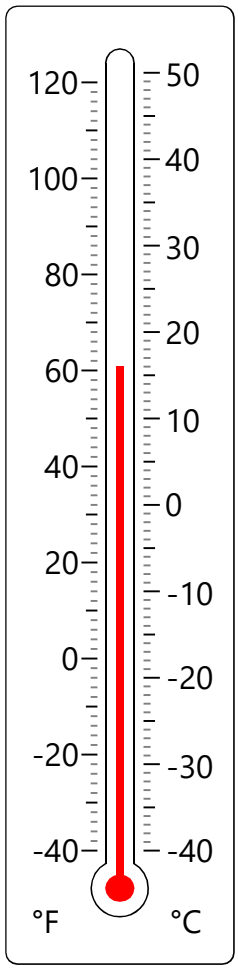
_____ °C

3)



_____ °C

4)



_____ °C

Temperature Conversion

Convert the given temperatures.

1) 90 °F = _____ °C
2) 37 °F = _____ °C
3) 24 °C = _____ °F

4) 1 °C = _____ °F
5) 7 °C = _____ °F
6) 1 °C = _____ °F

7) 79 °F = _____ °C
8) 11 °C = _____ °F
9) 63 °F = _____ °C

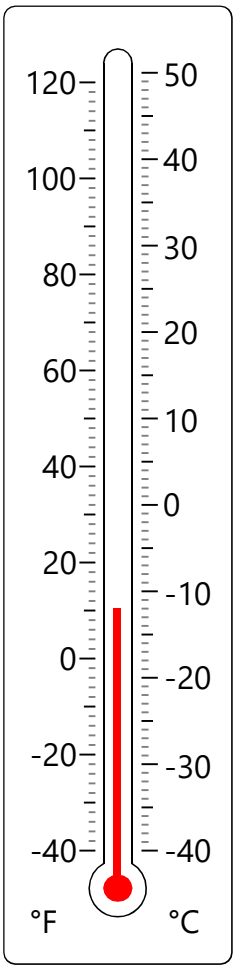
10) 32 °F = _____ °C
11) 3 °C = _____ °F
12) 48 °F = _____ °C

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 3

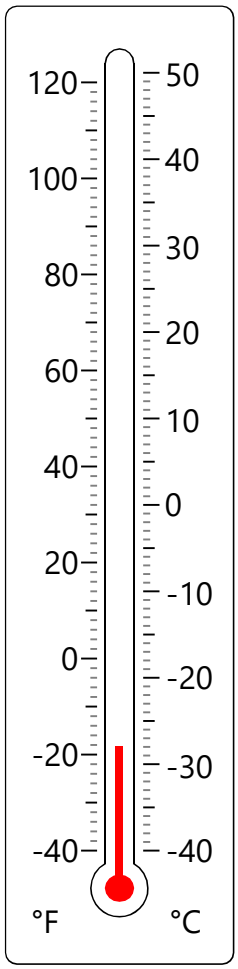
Identify the temperature for each thermometer.

1)



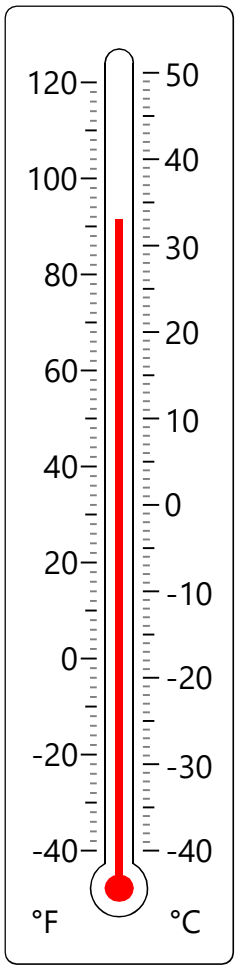
_____ °C

2)



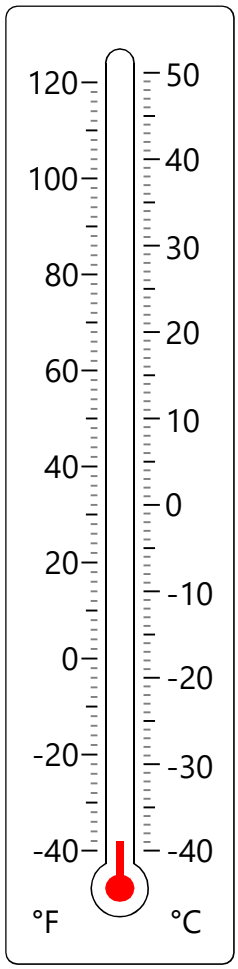
_____ °C

3)



_____ °C

4)



_____ °C

Temperature Conversion

Convert the given temperatures.

1) 44 °F = _____ °C
2) 22 °C = _____ °F
3) 30 °C = _____ °F

4) 13 °C = _____ °F
5) 94 °F = _____ °C
6) 35 °F = _____ °C

7) 1 °C = _____ °F
8) 16 °C = _____ °F
9) 14 °C = _____ °F

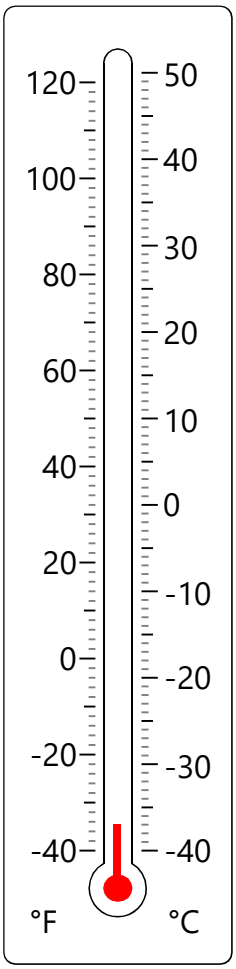
10) 3 °C = _____ °F
11) 40 °F = _____ °C
12) 5 °C = _____ °F

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 4

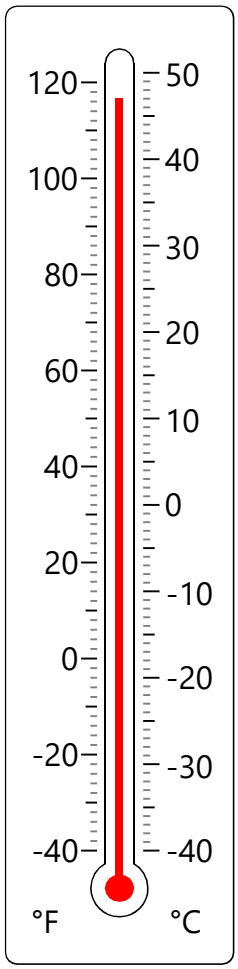
Identify the temperature for each thermometer.

1)



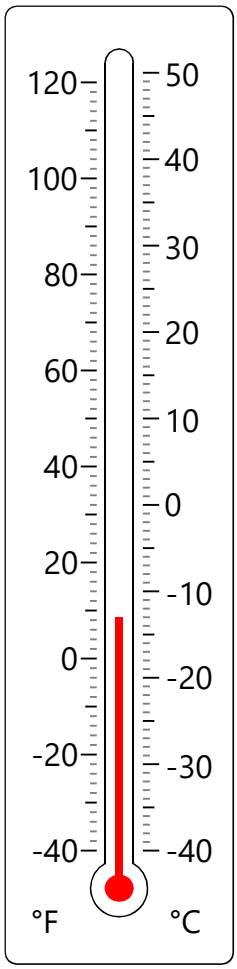
_____ °C

2)



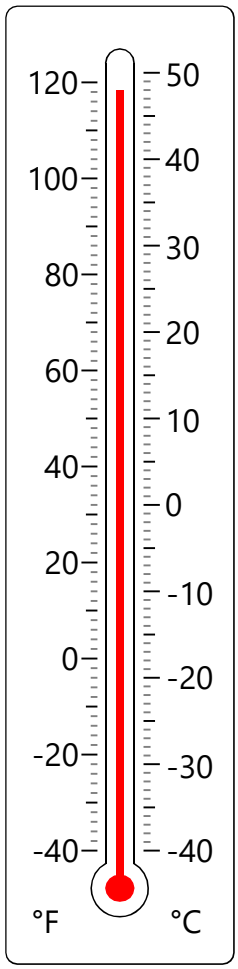
_____ °C

3)



_____ °C

4)



_____ °C

Temperature Conversion

Convert the given temperatures.

1) 1 °C = _____ °F
2) 7 °F = _____ °C
3) 56 °F = _____ °C

4) 74 °F = _____ °C
5) 1 °C = _____ °F
6) 91 °F = _____ °C

7) 64 °F = _____ °C
8) 113 °F = _____ °C
9) 95 °F = _____ °C

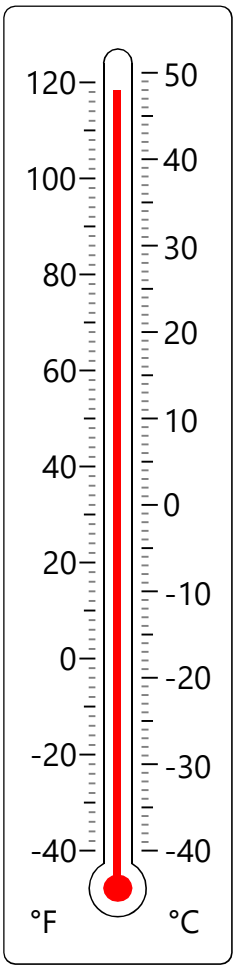
10) 17 °F = _____ °C
11) 84 °F = _____ °C
12) 97 °F = _____ °C

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 5

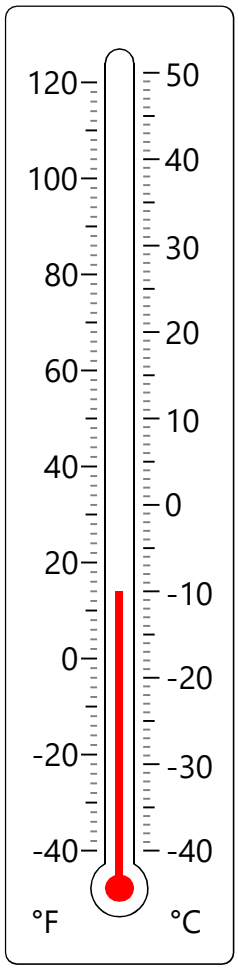
Identify the temperature for each thermometer.

1)



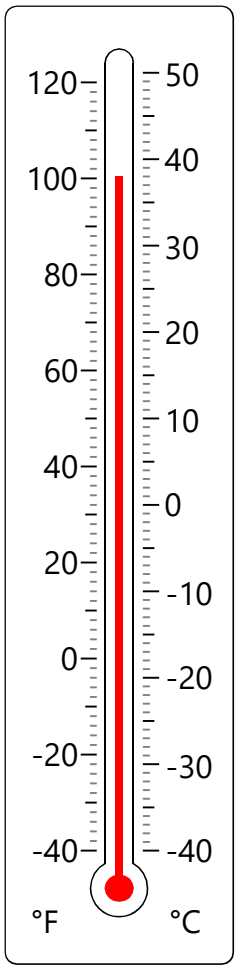
_____ °C

2)



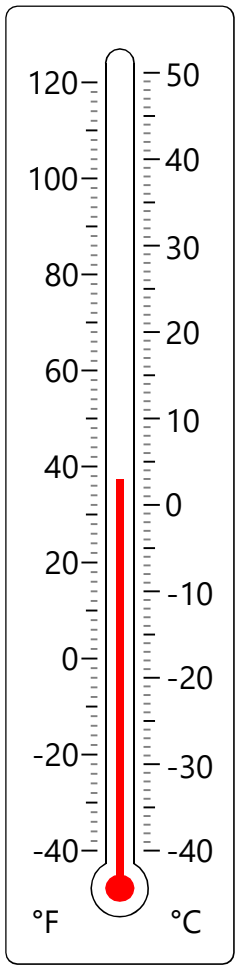
_____ °C

3)



_____ °C

4)



_____ °C

Temperature Conversion

Convert the given temperatures.

1) 42 °F = _____ °C
2) 22 °C = _____ °F
3) 1 °C = _____ °F

4) 46 °C = _____ °F
5) 113 °F = _____ °C
6) 8 °F = _____ °C

7) 7 °F = _____ °C
8) 1 °C = _____ °F
9) 80 °F = _____ °C

10) 39 °C = _____ °F
11) 32 °C = _____ °F
12) 15 °C = _____ °F

Name:_____ Class:_____ Date:____/____/_____

Exponents

Convert the values.

1) 6^2 = _____ 2) 94^2 = _____ 3) 29^2 = _____ 4) 4^2 = _____ 5) 16^3 = _____

6) 2^3 = _____ 7) 66^2 = _____ 8) 7^3 = _____ 9) 77^3 = _____ 10) 73^2 = _____

11) 9^3 = _____ 12) 92^3 = _____ 13) 71^2 = _____ 14) 4^3 = _____ 15) 47^3 = _____

16) 74^3 = _____ 17) 7^2 = _____ 18) 42^2 = _____ 19) 18^3 = _____ 20) 69^2 = _____

21) 5^2 = _____ 22) 41^2 = _____ 23) 88^3 = _____ 24) 91^3 = _____ 25) 14^2 = _____

26) 5^3 = _____ 27) 8^2 = _____ 28) 56^3 = _____ 29) 6^3 = _____ 30) 33^3 = _____

31) 39^2 = _____ 32) 53^2 = _____ 33) 9^2 = _____ 34) 3^2 = _____ 35) 81^2 = _____

36) 55^3 = _____ 37) 30^3 = _____ 38) 8^3 = _____ 39) 45^2 = _____ 40) 3^3 = _____

41) 74^2 = _____ 42) 91^2 = _____ 43) 37^2 = _____ 44) 73^3 = _____ 45) 83^2 = _____

46) 37^3 = _____ 47) 13^2 = _____ 48) 25^2 = _____ 49) 89^2 = _____ 50) 58^2 = _____

51) 2^2 = _____ 52) 10^3 = _____ 53) 54^3 = _____ 54) 43^2 = _____ 55) 10^2 = _____

56) 46^2 = _____ 57) 34^3 = _____ 58) 35^3 = _____ 59) 61^3 = _____ 60) 12^2 = _____

61) 23^3 = _____ 62) 90^3 = _____ 63) 70^3 = _____ 64) 80^2 = _____ 65) 26^2 = _____

66) 50^3 = _____ 67) 59^3 = _____ 68) 20^3 = _____ 69) 24^2 = _____ 70) 60^3 = _____

71) 78^3 = _____ 72) 59^2 = _____ 73) 87^3 = _____ 74) 31^2 = _____ 75) 85^3 = _____

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 1

Solve.

1) 3, 3, 84, 67, 6, 6, 65, 6, 1
Mean = _____ Median = _____
Mode = _____ Range = _____

2) 31, 1, 7, 34, 40, 22, 8, 9, 6, 4
Mean = _____ Median = _____
Mode = _____ Range = _____

3) 91, 50, 14, 19, 97, 37, 5, 43, 3, 4
Mean = _____ Median = _____
Mode = _____ Range = _____

4) 53, 3, 8, 41, 6, 52, 1, 1, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

5) 10, 50, 7, 34, 6, 8, 78, 2, 47
Mean = _____ Median = _____
Mode = _____ Range = _____

6) 58, 6, 48, 25, 4, 1, 7, 58, 28, 3
Mean = _____ Median = _____
Mode = _____ Range = _____

7) 4, 80, 90, 6, 81, 9, 7, 9, 9, 5
Mean = _____ Median = _____
Mode = _____ Range = _____

8) 36, 2, 1, 3, 22, 2, 51
Mean = _____ Median = _____
Mode = _____ Range = _____

9) 5, 64, 67, 1, 6, 3, 69, 9
Mean = _____ Median = _____
Mode = _____ Range = _____

10) 8, 93, 7, 63, 82, 11, 83, 86
Mean = _____ Median = _____
Mode = _____ Range = _____

11) 8, 8, 7, 8, 8, 7, 84, 5
Mean = _____ Median = _____
Mode = _____ Range = _____

12) 93, 34, 7, 71, 2, 11, 16, 4
Mean = _____ Median = _____
Mode = _____ Range = _____

13) 51, 83, 5, 63, 90, 72
Mean = _____ Median = _____
Mode = _____ Range = _____

14) 32, 90, 2, 8, 51, 5
Mean = _____ Median = _____
Mode = _____ Range = _____

15) 68, 9, 17, 41, 71, 43
Mean = _____ Median = _____
Mode = _____ Range = _____

16) 55, 4, 3, 62, 3, 2, 9, 84
Mean = _____ Median = _____
Mode = _____ Range = _____

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 2

Solve.

1) 48, 4, 4, 70, 9, 63
Mean = _____ Median = _____
Mode = _____ Range = _____

2) 2, 9, 4, 9, 74, 67, 81, 6, 23, 8
Mean = _____ Median = _____
Mode = _____ Range = _____

3) 14, 1, 5, 5, 59, 2, 1
Mean = _____ Median = _____
Mode = _____ Range = _____

4) 19, 1, 16, 59, 34, 84, 36
Mean = _____ Median = _____
Mode = _____ Range = _____

5) 3, 1, 1, 9, 16, 90, 5, 4, 61
Mean = _____ Median = _____
Mode = _____ Range = _____

6) 8, 2, 5, 4, 99, 1, 4, 10
Mean = _____ Median = _____
Mode = _____ Range = _____

7) 3, 2, 51, 64, 1, 9, 52, 6, 21, 71
Mean = _____ Median = _____
Mode = _____ Range = _____

8) 9, 61, 16, 1, 71, 41, 17, 2, 41, 72
Mean = _____ Median = _____
Mode = _____ Range = _____

9) 66, 47, 4, 3, 59, 3, 33, 43, 9
Mean = _____ Median = _____
Mode = _____ Range = _____

10) 6, 9, 67, 1, 9, 1, 46, 9
Mean = _____ Median = _____
Mode = _____ Range = _____

11) 49, 4, 4, 92, 3, 4, 72, 8, 97, 31
Mean = _____ Median = _____
Mode = _____ Range = _____

12) 9, 27, 2, 5, 8, 94, 7, 5, 9
Mean = _____ Median = _____
Mode = _____ Range = _____

13) 1, 38, 53, 9, 3, 54, 7, 12, 8, 93
Mean = _____ Median = _____
Mode = _____ Range = _____

14) 3, 2, 44, 4, 8, 6
Mean = _____ Median = _____
Mode = _____ Range = _____

15) 74, 84, 2, 4, 18, 13, 56
Mean = _____ Median = _____
Mode = _____ Range = _____

16) 1, 9, 6, 38, 21, 8, 3
Mean = _____ Median = _____
Mode = _____ Range = _____

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 3

Solve.

1) 9, 54, 1, 64, 7, 40, 27, 3
Mean = _____ Median = _____
Mode = _____ Range = _____

2) 98, 4, 39, 49, 60, 32, 4, 54
Mean = _____ Median = _____
Mode = _____ Range = _____

3) 94, 1, 32, 68, 90, 77, 9, 7, 3
Mean = _____ Median = _____
Mode = _____ Range = _____

4) 15, 1, 7, 18, 57, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

5) 8, 32, 64, 12, 39, 7, 99, 3
Mean = _____ Median = _____
Mode = _____ Range = _____

6) 7, 9, 80, 75, 7, 65, 5, 4, 8, 1
Mean = _____ Median = _____
Mode = _____ Range = _____

7) 98, 5, 32, 29, 6, 4, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

8) 21, 4, 74, 2, 8, 3, 32, 63
Mean = _____ Median = _____
Mode = _____ Range = _____

9) 92, 47, 2, 9, 7, 6, 55, 16, 4
Mean = _____ Median = _____
Mode = _____ Range = _____

10) 33, 8, 7, 7, 50, 6, 4, 4, 3, 85
Mean = _____ Median = _____
Mode = _____ Range = _____

11) 7, 23, 1, 46, 6, 1, 60
Mean = _____ Median = _____
Mode = _____ Range = _____

12) 71, 7, 91, 7, 9, 55, 8
Mean = _____ Median = _____
Mode = _____ Range = _____

13) 3, 3, 5, 9, 27, 24
Mean = _____ Median = _____
Mode = _____ Range = _____

14) 6, 3, 4, 76, 63, 4, 94, 6, 7, 81
Mean = _____ Median = _____
Mode = _____ Range = _____

15) 75, 3, 2, 44, 7, 1
Mean = _____ Median = _____
Mode = _____ Range = _____

16) 6, 82, 21, 21, 71, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 4

Solve.

1) 1, 36, 5, 80, 74, 47, 96
Mean = _____ Median = _____
Mode = _____ Range = _____

2) 9, 39, 9, 2, 9, 6, 2, 55
Mean = _____ Median = _____
Mode = _____ Range = _____

3) 91, 40, 2, 5, 9, 4, 5
Mean = _____ Median = _____
Mode = _____ Range = _____

4) 4, 5, 8, 53, 3, 9, 77
Mean = _____ Median = _____
Mode = _____ Range = _____

5) 5, 4, 15, 69, 26, 83, 19, 3, 19
Mean = _____ Median = _____
Mode = _____ Range = _____

6) 77, 83, 5, 1, 56, 4, 3, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

7) 8, 77, 4, 43, 19, 35, 4
Mean = _____ Median = _____
Mode = _____ Range = _____

8) 2, 2, 1, 37, 8, 8
Mean = _____ Median = _____
Mode = _____ Range = _____

9) 2, 5, 5, 8, 28, 99, 33, 5, 3, 81
Mean = _____ Median = _____
Mode = _____ Range = _____

10) 59, 3, 89, 4, 14, 75, 6, 5, 1
Mean = _____ Median = _____
Mode = _____ Range = _____

11) 30, 48, 32, 54, 98, 3, 9, 5, 5, 8
Mean = _____ Median = _____
Mode = _____ Range = _____

12) 31, 13, 7, 94, 10, 53, 3, 5
Mean = _____ Median = _____
Mode = _____ Range = _____

13) 36, 82, 42, 1, 5, 7, 87, 79, 4, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

14) 86, 9, 61, 59, 5, 76, 61
Mean = _____ Median = _____
Mode = _____ Range = _____

15) 84, 41, 3, 51, 59, 76, 7, 2
Mean = _____ Median = _____
Mode = _____ Range = _____

16) 9, 54, 15, 88, 3, 7
Mean = _____ Median = _____
Mode = _____ Range = _____

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 5

Solve.

1) 8, 37, 1, 7, 1, 2, 34, 8
Mean = _____ Median = _____
Mode = _____ Range = _____

2) 9, 2, 8, 1, 26, 61
Mean = _____ Median = _____
Mode = _____ Range = _____

3) 82, 8, 22, 9, 4, 35, 83, 1, 70
Mean = _____ Median = _____
Mode = _____ Range = _____

4) 58, 20, 16, 3, 21, 5, 9, 6
Mean = _____ Median = _____
Mode = _____ Range = _____

5) 35, 59, 7, 33, 10, 9, 31, 39, 3
Mean = _____ Median = _____
Mode = _____ Range = _____

6) 31, 80, 2, 59, 3, 60
Mean = _____ Median = _____
Mode = _____ Range = _____

7) 74, 8, 8, 1, 9, 67, 5
Mean = _____ Median = _____
Mode = _____ Range = _____

8) 13, 52, 1, 2, 1, 10
Mean = _____ Median = _____
Mode = _____ Range = _____

9) 57, 83, 5, 28, 6, 83
Mean = _____ Median = _____
Mode = _____ Range = _____

10) 1, 37, 61, 12, 7, 7, 94
Mean = _____ Median = _____
Mode = _____ Range = _____

11) 5, 7, 9, 11, 84, 5, 31
Mean = _____ Median = _____
Mode = _____ Range = _____

12) 21, 1, 7, 3, 8, 8, 95, 30
Mean = _____ Median = _____
Mode = _____ Range = _____

13) 1, 41, 3, 35, 9, 28, 2, 47, 34
Mean = _____ Median = _____
Mode = _____ Range = _____

14) 3, 4, 29, 75, 7, 55, 9, 6
Mean = _____ Median = _____
Mode = _____ Range = _____

15) 35, 39, 66, 2, 18, 13
Mean = _____ Median = _____
Mode = _____ Range = _____

16) 9, 84, 32, 34, 64, 6, 75, 15, 82
Mean = _____ Median = _____
Mode = _____ Range = _____

Name:_____ Class:_____ Date:____/____/_____

Roman Numerals

Convert the values.

1) CDLX = _____
2) LXXI = _____
3) IX = _____
4) MCLIII = _____
5) 1623 = _____
6) 5 = _____
7) 1711 = _____
8) 554 = _____
9) 732 = _____
10) 292 = _____
11) 4 = _____
12) 95 = _____
13) 89 = _____
14) 78 = _____
15) 8 = _____
16) XXXVII = _____
17) CDLXXV = _____
18) MCDXCVII = _____
19) XLVI = _____
20) MDXLI = _____
21) 3 = _____
22) MCCCXVI = _____
23) 88 = _____
24) XLI = _____
25) MCCCVI = _____
26) 235 = _____
27) CXIX = _____
28) CCC = _____
29) 23 = _____
30) 32 = _____
31) 66 = _____
32) 65 = _____
33) 2 = _____
34) VI = _____
35) 1950 = _____
36) 348 = _____
37) 1860 = _____
38) XVII = _____
39) 81 = _____
40) 54 = _____
41) 1753 = _____
42) 1060 = _____
43) 1821 = _____
44) CCLXXXII = _____
45) XIX = _____
46) LXXXIII = _____
47) LXXII = _____
48) LI = _____
49) 62 = _____
50) MXXXVIII = _____
51) MCXCII = _____
52) MDCXII = _____
53) LX = _____
54) 1977 = _____

Name:_____ Class:_____ Date:____/____/_____

Roots

Calculate the root of each value. 3 decimal places.

1) $\sqrt[3]{6}$ = _____ 2) $\sqrt[3]{47}$ = _____ 3) $\sqrt{403}$ = _____ 4) $\sqrt[3]{806}$ = _____

5) $\sqrt[3]{3}$ = _____ 6) $\sqrt{2}$ = _____ 7) $\sqrt[3]{62}$ = _____ 8) $\sqrt[3]{5}$ = _____

9) $\sqrt{42}$ = _____ 10) $\sqrt[3]{924}$ = _____ 11) $\sqrt{44}$ = _____ 12) $\sqrt[3]{12}$ = _____

13) $\sqrt{3}$ = _____ 14) $\sqrt[3]{19}$ = _____ 15) $\sqrt{538}$ = _____ 16) $\sqrt{657}$ = _____

17) $\sqrt[3]{54}$ = _____ 18) $\sqrt[3]{8}$ = _____ 19) $\sqrt{978}$ = _____ 20) $\sqrt{93}$ = _____

21) $\sqrt{9}$ = _____ 22) $\sqrt[3]{750}$ = _____ 23) $\sqrt{8}$ = _____ 24) $\sqrt{747}$ = _____

25) $\sqrt[3]{15}$ = _____ 26) $\sqrt{875}$ = _____ 27) $\sqrt[3]{292}$ = _____ 28) $\sqrt[3]{68}$ = _____

29) $\sqrt{84}$ = _____ 30) $\sqrt[3]{853}$ = _____ 31) $\sqrt[3]{10}$ = _____ 32) $\sqrt[3]{34}$ = _____

33) $\sqrt{94}$ = _____ 34) $\sqrt[3]{81}$ = _____ 35) $\sqrt{21}$ = _____ 36) $\sqrt[3]{489}$ = _____

37) $\sqrt{1}$ = _____ 38) $\sqrt{6}$ = _____ 39) $\sqrt{299}$ = _____ 40) $\sqrt{12}$ = _____

41) $\sqrt[3]{630}$ = _____ 42) $\sqrt{876}$ = _____ 43) $\sqrt[3]{154}$ = _____ 44) $\sqrt[3]{37}$ = _____

45) $\sqrt[3]{588}$ = _____ 46) $\sqrt[3]{593}$ = _____ 47) $\sqrt{418}$ = _____ 48) $\sqrt{928}$ = _____

49) $\sqrt[3]{83}$ = _____ 50) $\sqrt[3]{753}$ = _____ 51) $\sqrt[3]{851}$ = _____ 52) $\sqrt{61}$ = _____

53) $\sqrt{5}$ = _____ 54) $\sqrt{92}$ = _____ 55) $\sqrt{917}$ = _____ 56) $\sqrt[3]{4}$ = _____

57) $\sqrt{663}$ = _____ 58) $\sqrt[3]{842}$ = _____ 59) $\sqrt{28}$ = _____ 60) $\sqrt{40}$ = _____

61) $\sqrt{57}$ = _____ 62) $\sqrt[3]{648}$ = _____ 63) $\sqrt[3]{965}$ = _____ 64) $\sqrt{99}$ = _____

65) $\sqrt[3]{2}$ = _____ 66) $\sqrt[3]{17}$ = _____ 67) $\sqrt{70}$ = _____ 68) $\sqrt{78}$ = _____

69) $\sqrt[3]{88}$ = _____ 70) $\sqrt[3]{50}$ = _____ 71) $\sqrt[3]{216}$ = _____ 72) $\sqrt{482}$ = _____

Name:_____ Class:_____ Date:____/____/_____

Scientific Notation 1

Provide the number for each scientific notation value.

1) 1×10^{4} = _____
2) 4.9×10^{1} = _____
3) 5×10^{4} = _____
4) 4.1×10^{1} = _____
5) 5.1×10^{2} = _____
6) 5.2×10^{5} = _____
7) 7×10^{5} = _____
8) 1.7×10^{1} = _____
9) 7.6×10^{4} = _____
10) 6.6×10^{2} = _____
11) 5.2×10^{2} = _____
12) 6.9×10^{1} = _____
13) 9.7×10^{4} = _____
14) 5.9×10^{1} = _____
15) 1.8×10^{4} = _____
16) 9×10^{4} = _____
17) 9.8×10^{2} = _____
18) 2.6×10^{3} = _____
19) 5.2×10^{1} = _____
20) 5.177×10^{6} = _____
21) 4.4×10^{2} = _____
22) 8.1×10^{3} = _____
23) 2.5×10^{2} = _____
24) 3.1×10^{1} = _____
25) 6.5×10^{6} = _____
26) 9.8×10^{1} = _____
27) 1.7×10^{2} = _____
28) 8.2×10^{2} = _____
29) 9.7×10^{3} = _____
30) 6.18×10^{5} = _____
31) 8.9×10^{4} = _____
32) 3×10^{1} = _____
33) 4.7×10^{3} = _____
34) 2.232×10^{6} = _____
35) 8.9×10^{3} = _____
36) 9.13×10^{6} = _____

Name:_____ Class:_____ Date:____/____/_____

Scientific Notation 2

Provide the scientific notation for each value.

1) 1,800,000 = _____
2) 270 = _____
3) 89,000 = _____
4) 37,000 = _____
5) 51 = _____
6) 2,500,000 = _____
7) 709,000 = _____
8) 26 = _____
9) 9,930,000 = _____
10) 910,000 = _____
11) 810 = _____
12) 67 = _____
13) 8,400,000 = _____
14) 770 = _____
15) 45,000 = _____
16) 30 = _____
17) 5,425,000 = _____
18) 340,000 = _____
19) 7,772,000 = _____
20) 3,800 = _____
21) 45 = _____
22) 9,757,000 = _____
23) 1,650,000 = _____
24) 410 = _____
25) 63 = _____
26) 80 = _____
27) 8,800 = _____
28) 5,000 = _____
29) 2,100 = _____
30) 5,660,000 = _____
31) 711,000 = _____
32) 46,000 = _____
33) 200 = _____
34) 910 = _____
35) 5,700 = _____
36) 860 = _____

Name:_____ Class:_____ Date:____/____/_____

Scientific Notation 3

Convert between scientific notation and numbers.

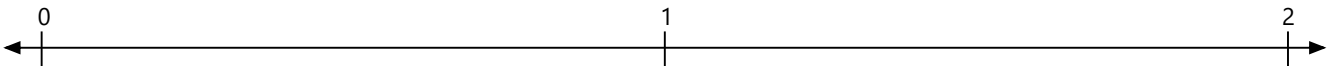
1) 3.1×10^{1} = _____
2) 3.6×10^{3} = _____
3) 7.6×10^{4} = _____
4) 5.841×10^{6} = _____
5) 1.4×10^{6} = _____
6) 461,000 = _____
7) 54 = _____
8) 807,000 = _____
9) 25,000 = _____
10) 1.053×10^{6} = _____
11) 2.2×10^{4} = _____
12) 8×10^{5} = _____
13) 4.52×10^{6} = _____
14) 9,880,000 = _____
15) 40 = _____
16) 3.3×10^{3} = _____
17) 5.9×10^{6} = _____
18) 3.2×10^{2} = _____
19) 3.77×10^{6} = _____
20) 9,100,000 = _____
21) 6×10^{1} = _____
22) 4.4×10^{1} = _____
23) 2.7×10^{4} = _____
24) 8.5×10^{2} = _____
25) 270 = _____
26) 7.7×10^{4} = _____
27) 2×10^{1} = _____
28) 22 = _____
29) 4.27×10^{5} = _____
30) 7.87×10^{6} = _____
31) 200,000 = _____
32) 830 = _____
33) 1,291,000 = _____
34) 63,000 = _____
35) 9.5×10^{1} = _____
36) 4,950,000 = _____

Name:_____ Class:_____ Date:____/____/_____

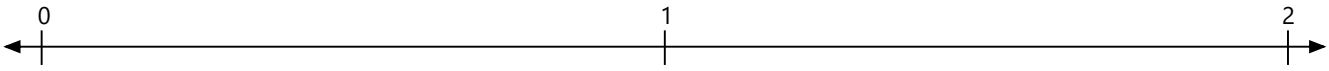
Number Lines - Decimals

Identify where each set of points should be placed on the number lines below.

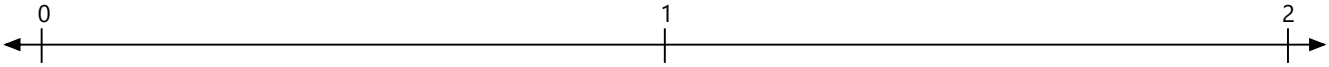
1) 0.4 1.9 0.6 1.4 0.8 0.2



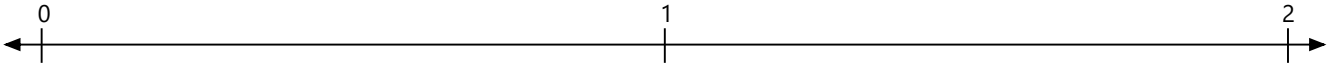
2) 1.4 1.1 0.5 0.7 1.9 0.2



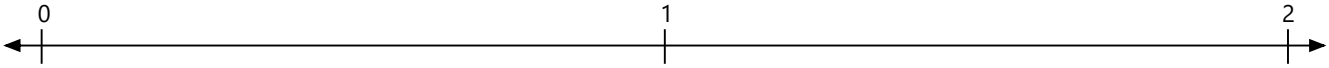
3) 0.6 1.2 0.1 1.7 0.3 1.9



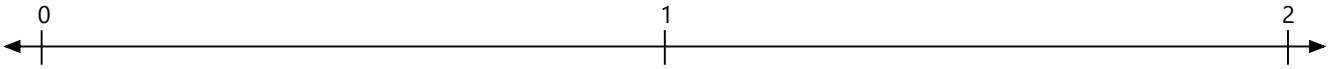
4) 1.8 0.5 1.6 1.4 0.3 0.8



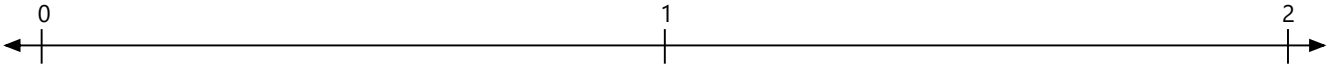
5) 1.4 0.8 0.2 0.5 1.8 1.2



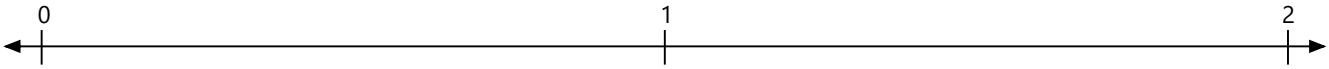
6) 1.7 1.3 1.9 1.5 1.1 0.3



7) 0.1 1.6 0.7 1.2 1.8 1.4



8) 1.7 1.4 0.2 1.2 0.4 0.6

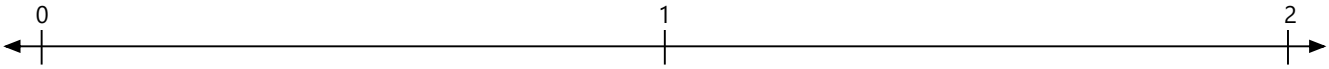


Name:_____ Class:_____ Date:____/____/_____

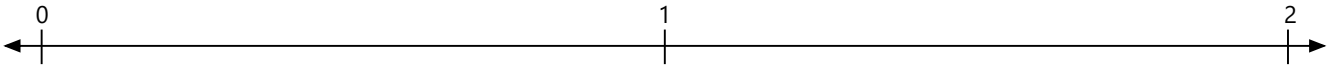
Number Lines - Fractions

Identify where each set of points should be placed on the number lines below.

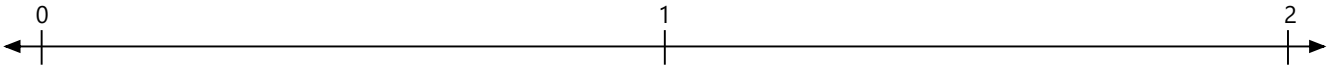
1) $1\frac{1}{8}$ $\frac{7}{8}$ $1\frac{3}{8}$ $\frac{1}{8}$ $1\frac{5}{8}$ $\frac{3}{8}$



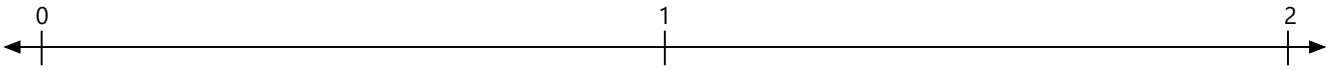
2) $1\frac{1}{2}$ $\frac{3}{8}$ $\frac{1}{8}$ $\frac{7}{8}$ $1\frac{1}{4}$ $1\frac{7}{8}$



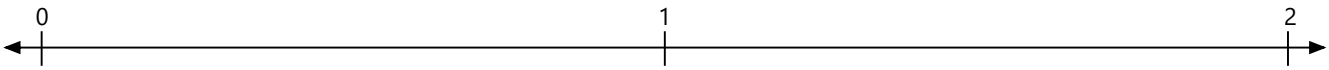
3) $\frac{1}{5}$ $\frac{1}{2}$ $\frac{4}{5}$ $1\frac{4}{5}$ $1\frac{1}{10}$ $1\frac{2}{5}$



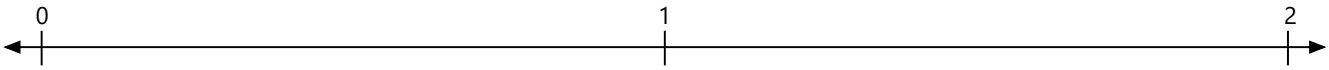
4) $1\frac{1}{8}$ $\frac{1}{4}$ $\frac{1}{2}$ $\frac{7}{8}$ $1\frac{3}{8}$ $1\frac{3}{4}$



5) $1\frac{1}{10}$ $1\frac{4}{5}$ $1\frac{1}{2}$ $\frac{1}{10}$ $\frac{2}{5}$ $\frac{7}{10}$



6) $\frac{7}{10}$ $\frac{2}{5}$ $\frac{1}{10}$ $1\frac{1}{10}$ $1\frac{2}{5}$ $1\frac{9}{10}$

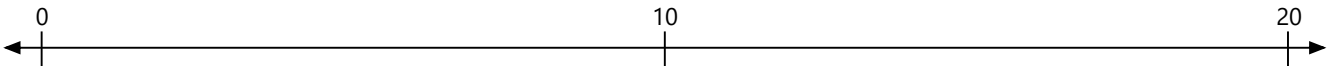


Name:_____ Class:_____ Date:____/____/_____

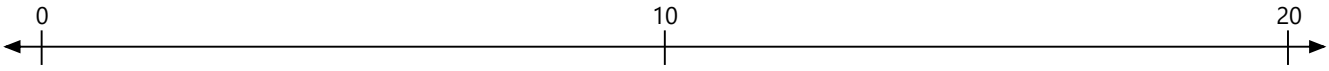
Number Lines - Integers

Identify where each set of points should be placed on the number lines below.

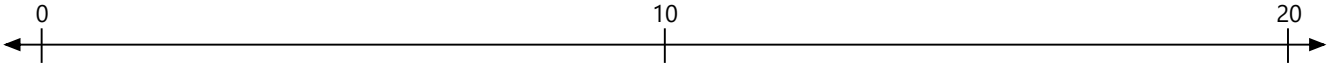
1) 11, 1, 5, 8, 12, 19



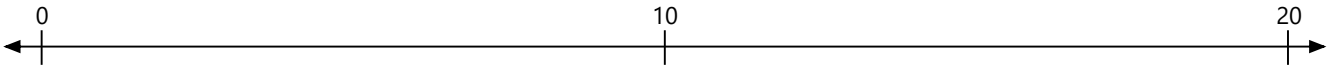
2) 5, 11, 15, 16, 6, 14



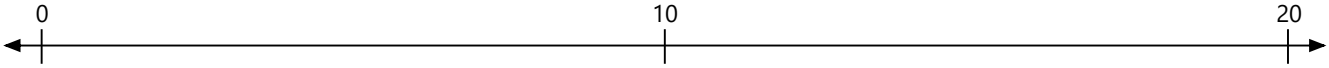
3) 19, 18, 17, 14, 1, 7



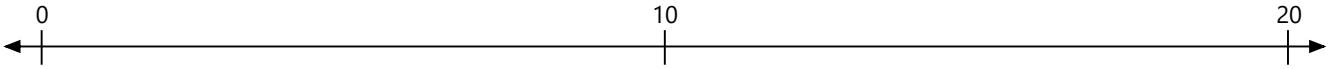
4) 5, 13, 15, 2, 16, 18



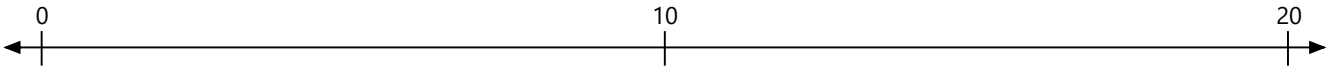
5) 12, 16, 9, 3, 13, 4



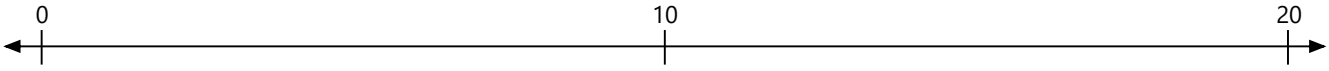
6) 1, 15, 17, 8, 7, 14



7) 11, 16, 1, 18, 4, 12



8) 15, 4, 3, 6, 18, 7



Name:_____ Class:_____ Date:____/____/_____

Associative Property

Use the associative property to fill the missing values.

1) (__ + 11) + 9 = (__ + 11) + 8

2) (9 × __) × 2 = (__ × 7) × 9

3) (5 + 4) + __ = 4 + (3 + __)

4) 6 × (___ × 8) = (__ × 6) × 10

5) 10 + (5 + __) = (7 + 10) + __

6) 12 + (__ + 7) = (5 + 12) + __

7) (12 + 6) + __ = (6 + 7) + ___

8) __ + (11 + 3) = 3 + (5 + ___)

9) __ × (4 × 7) = 4 × (__ × 3)

10) __ × (3 × 5) = 3 × (__ × 4)

11) 11 × (__ × 4) = 3 × (11 × __)

12) (11 + 7) + __ = (__ + 6) + 11

13) (__ + 9) + 5 = 9 + (8 + __)

14) __ × (4 × 12) = (12 × __) × 5

15) (2 × 3) × __ = 2 × (6 × __)

16) 5 + (___ + 12) = (5 + ___) + 11

17) 8 × (7 × __) = __ × (4 × 8)

18) 7 + (8 + __) = (8 + 6) + __

19) (__ + 11) + 2 = __ + (11 + 8)

20) (9 + ___) + 5 = 9 + (__ + 10)

21) 7 + (___ + 6) = (6 + __) + 11

22) (10 + __) + 7 = (3 + 7) + ___

23) 7 + (12 + ___) = (11 + 7) + ___

24) 4 × (3 × ___) = 11 × (3 × __)

25) 9 × (__ × 4) = 3 × (__ × 4)

26) __ + (12 + 5) = (__ + 3) + 12

27) (5 + ___) + 8 = (11 + 8) + __

28) 10 + (__ + 3) = (5 + 10) + __

29) (10 + __) + 8 = __ + (9 + 10)

30) (7 × 2) × __ = 2 × (__ × 9)

31) (4 × __) × 5 = (__ × 5) × 7

32) (___ + 11) + 10 = 10 + (___ + 12)

33) (___ × 3) × 6 = __ × (11 × 6)

34) __ + (7 + 10) = 7 + (5 + ___)

35) (___ × 8) × 2 = (11 × __) × 8

36) 4 + (9 + ___) = (10 + __) + 4

37) (11 + 6) + __ = (__ + 11) + 4

38) (6 × __) × 7 = 4 × (__ × 7)

Name:_____ Class:_____ Date:____/____/_____

Before After Between

Fill in the missing numbers.

1) 67 _____ 69
2) _____ 29 _____
3) ___ 8 ___
4) 83 _____ 85
5) _____ 100 _____
6) 9 _____ 11
7) 21 _____ 23
8) _____ 13 _____
9) 7 ___ 9
10) ___ 5 ___
11) ___ 7 ___
12) 72 _____ 74
13) ___ 2 ___
14) 87 _____ 89
15) _____ 94 _____
16) 17 _____ 19
17) 55 _____ 57
18) 20 _____ 22
19) _____ 98 _____
20) _____ 58 _____
21) ___ 6 ___
22) _____ 86 _____
23) _____ 93 _____
24) 1 ___ 3
25) _____ 61 _____
26) 44 _____ 46
27) _____ 95 _____
28) _____ 79 _____
29) _____ 11 _____
30) 3 ___ 5
31) 8 ___ 10
32) 88 _____ 90
33) 59 _____ 61
34) _____ 31 _____
35) _____ 42 _____
36) 5 ___ 7
37) _____ 91 _____
38) 90 _____ 92
39) _____ 15 _____
40) 4 ___ 6
41) _____ 62 _____
42) _____ 16 _____
43) ___ 9 _____
44) ___ 4 ___
45) ___ 3 ___
46) _____ 69 _____
47) 93 _____ 95
48) 2 ___ 4
49) _____ 87 _____
50) 94 _____ 96
51) 6 ___ 8
52) _____ 88 _____
53) 84 _____ 86
54) _____ 89 _____
55) _____ 96 _____
56) _____ 74 _____
57) _____ 36 _____
58) _____ 47 _____
59) 61 _____ 63
60) _____ 76 _____
61) _____ 18 _____
62) _____ 50 _____
63) ___ 10 _____
64) _____ 17 _____
65) 10 _____ 12
66) 89 _____ 91
67) 71 _____ 73
68) 62 _____ 64
69) 96 _____ 98
70) _____ 75 _____
71) _____ 32 _____
72) _____ 57 _____
73) 50 _____ 52
74) _____ 82 _____
75) _____ 49 _____
76) 28 _____ 30

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 1

Circle the smallest number in each group.

1) 468
450
406

2) 723
469
729
308

3) 752
541
106
926
450

4) 763
137
906
751

5) 688
214
758
570

6) 184
953
933

7) 342
931
365
984
440

8) 603
152
891
365
104
977

9) 996
950
465
689
919

10) 221
407
577
691

11) 872
956
488
683
726
910

12) 327
877
142

13) 435
335
161
676
273

14) 449
736
822
101
954

15) 371
222
762
838
890

16) 131
956
285
815

17) 875
943
289

18) 464
232
717
158
476
899

19) 436
833
852
594
212

20) 935
559
238
263
533

21) 397
287
687

22) 761
103
599
507
795
543

23) 513
508
426
898
707

24) 235
673
232
551
495
654

25) 534
208
873
922
894

26) 281
275
859
356

27) 129
965
481

28) 620
258
885
737
979
311

29) 970
218
880

30) 232
252
613
770
495

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 2

Circle the biggest number in each group.

1) 875
315
595

2) 398
485
337
368
649
575

3) 348
177
104
601

4) 517
298
206

5) 646
762
118
934

6) 210
868
347
860
494

7) 869
984
221

8) 765
299
120
864
939

9) 306
880
924
494
738
907

10) 233
491
180
945
667

11) 415
544
311
510

12) 292
894
173

13) 728
746
947
908

14) 292
701
852

15) 741
726
117
515

16) 895
852
405

17) 828
375
247
280

18) 880
816
190

19) 469
582
838

20) 645
570
614
259

21) 952
862
372
320

22) 830
931
456
458

23) 216
848
258
964

24) 805
240
924

25) 846
866
288
637
942

26) 728
504
467
599
361

27) 749
661
847

28) 279
752
441
306
644
849

29) 397
980
357
319
214
639

30) 373
393
631

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 3

Circle the smallest and biggest number in each group.

1) 209
127
492

2) 880
545
244
801

3) 180
686
148

4) 157
992
319
315
225
371

5) 917
151
554
394

6) 704
514
662
816

7) 794
569
848
474
661

8) 634
566
418
791

9) 137
255
562
281

10) 561
286
477
845

11) 181
716
561
738
633
908

12) 731
494
464
220

13) 277
793
637

14) 905
321
608
984

15) 921
643
373
950
352

16) 334
219
849

17) 472
940
704
175

18) 915
645
421

19) 959
579
779

20) 611
553
276
657
191
878

21) 381
452
633
980
473
423

22) 940
290
135

23) 238
181
520
196

24) 541
615
298

25) 684
326
455
801
165
571

26) 801
693
475

27) 762
781
963
768
861

28) 824
233
155

29) 225
216
187

30) 197
107
432
545

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 4

Circle the odd numbers in each group.

1) 711
662
614
313
637
463

2) 239
488
896

3) 302
618
716
125
194

4) 799
143
660
616

5) 380
581
215

6) 802
693
895
537
254
960

7) 835
992
475
911
179
805

8) 689
957
842
893
357
551

9) 724
831
418
758

10) 645
672
223

11) 356
238
267
561
248

12) 667
140
164
815
906

13) 619
155
138
965
313

14) 158
248
907
115

15) 203
887
139
902
874
120

16) 771
352
516
637
719

17) 213
621
205

18) 116
182
791

19) 460
755
248
538

20) 389
698
431
546
390
661

21) 879
358
367
562

22) 237
685
147

23) 748
825
919

24) 358
714
243

25) 713
421
943
303
437
274

26) 463
925
747

27) 611
427
301
842

28) 920
959
485
901
380
712

29) 696
952
217

30) 643
422
324

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 5

Circle the even numbers in each group.

1) 237
534
296

2) 994
596
490
942
710

3) 599
583
463
270
221

4) 932
967
297
164
487

5) 731
208
399
560
950
542

6) 681
674
444
430
668
110

7) 795
406
589
888

8) 228
495
729

9) 453
797
467
816

10) 171
231
777

11) 425
934
660

12) 448
194
135
207
545

13) 924
921
923
182
749

14) 222
270
659
591

15) 860
273
368
991
868

16) 609
118
811
723
725

17) 863
525
864

18) 147
886
209
190
495

19) 401
478
112
598
514
866

20) 725
135
317
338

21) 195
117
511
509
918
695

22) 165
295
106
759

23) 459
496
908

24) 285
400
875
767
829
126

25) 951
218
235
368

26) 596
478
267

27) 158
543
866
684
895

28) 232
640
345
157

29) 653
411
217

30) 335
631
889
833
767
312

Name:_____ Class:_____ Date:____/____/_____

Commutative Property

Use the commutative property to fill the missing values.

1) 71 + 49 = ___ + 71
2) 8 + 70 = 70 + __
3) 18 × ___ = 56 × 18
4) 23 + 3 = __ + 23
5) 64 + 55 = ___ + 64
6) 66 + 80 = ___ + 66
7) 83 + 94 = 94 + ___
8) ___ + 35 = 35 + 53
9) ___ + 53 = 53 + 25
10) ___ + 72 = 72 + 49
11) 79 + ___ = 21 + 79
12) 50 + 78 = 78 + ___
13) ___ + 27 = 27 + 54
14) 28 + ___ = 66 + 28
15) ___ × 43 = 43 × 47
16) 46 × ___ = 36 × 46
17) ___ + 43 = 43 + 14
18) 4 + ___ = 36 + 4
19) 7 + 96 = ___ + 7
20) 97 + 42 = 42 + ___
21) 98 + ___ = 83 + 98
22) 40 + 84 = ___ + 40
23) ___ + 51 = 51 + 46
24) 2 + 14 = 14 + __
25) ___ × 39 = 39 × 37
26) ___ × 96 = 96 × 66
27) ___ × 75 = 75 × 55
28) 52 + 97 = 97 + ___
29) 29 × 18 = ___ × 29
30) ___ + 30 = 30 + 90
31) 56 + 55 = ___ + 56
32) 23 × 12 = 12 × ___
33) ___ × 68 = 68 × 32
34) 42 + ___ = 92 + 42
35) ___ × 30 = 30 × 19
36) 28 × 55 = ___ × 28
37) 9 + ___ = 72 + 9
38) ___ + 81 = 81 + 95
39) 65 + 35 = ___ + 65
40) 5 × 27 = 27 × __
41) ___ × 31 = 31 × 16
42) 10 + 76 = 76 + ___
43) 78 × 39 = ___ × 78
44) 58 + 66 = ___ + 58
45) 51 × ___ = 38 × 51
46) 77 × 81 = 81 × ___
47) 9 × ___ = 14 × 9
48) 44 + ___ = 30 + 44
49) 19 × ___ = 74 × 19
50) 16 + ___ = 82 + 16
51) ___ + 21 = 21 + 59
52) 21 + ___ = 10 + 21
53) 41 + ___ = 14 + 41
54) 89 + 81 = ___ + 89
55) 79 × 70 = 70 × ___
56) 34 + 93 = ___ + 34
57) 15 + 65 = 65 + ___

Name:_____ Class:_____ Date:____/____/_____

Comparing Numbers

Compare the numbers. Add: > or < or =

1) 6,347 ____ 800
2) 85 ____ 1
3) 5,651 ____ 978
4) 591 ____ 3,194
5) 190 ____ 531
6) 2,921 ____ 6
7) 636 ____ 1
8) 5 ____ 6,765
9) 5,883 ____ 39
10) 31 ____ 788
11) 4,108 ____ 20
12) 2,464 ____ 7,735
13) 33 ____ 97
14) 636 ____ 76
15) 94 ____ 8
16) 147 ____ 5
17) 939 ____ 9
18) 51 ____ 5,040
19) 97 ____ 583
20) 9,867 ____ 5,959
21) 526 ____ 864
22) 9 ____ 3
23) 5 ____ 5,688
24) 8 ____ 8
25) 84 ____ 871
26) 9 ____ 11
27) 84 ____ 582
28) 7 ____ 5,513
29) 5 ____ 2
30) 23 ____ 72
31) 8,026 ____ 765
32) 335 ____ 52
33) 7,610 ____ 1
34) 97 ____ 79
35) 6,152 ____ 42
36) 64 ____ 53
37) 402 ____ 69
38) 107 ____ 27
39) 835 ____ 3
40) 7 ____ 29
41) 229 ____ 353
42) 797 ____ 2
43) 4 ____ 8
44) 9,580 ____ 27
45) 31 ____ 3
46) 6,458 ____ 8,287
47) 10 ____ 694
48) 2,498 ____ 335
49) 2 ____ 2,450
50) 1,022 ____ 9,202
51) 34 ____ 396
52) 5,474 ____ 60
53) 88 ____ 9,587
54) 207 ____ 95
55) 91 ____ 6,082
56) 8,937 ____ 658
57) 3 ____ 54
58) 22 ____ 6,146
59) 4,844 ____ 8,667
60) 998 ____ 1
61) 65 ____ 146
62) 8,584 ____ 9,768
63) 4 ____ 955
64) 7 ____ 984
65) 8,116 ____ 28
66) 379 ____ 587
67) 8 ____ 9,639
68) 1,721 ____ 2,961
69) 2 ____ 271
70) 69 ____ 3,832
71) 40 ____ 97
72) 11 ____ 320
73) 9,666 ____ 8
74) 115 ____ 14
75) 1,331 ____ 1,003
76) 8,327 ____ 9

Name:_____ Class:_____ Date:____/____/_____

Count How Many

Count how many.

1) ☼☼☼☼☼☼☼☼☼☼ = _____

2) ⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄ = _____

3) ❁❁ = _____

4) ✽✽✽✽✽✽ = _____

5) ♥♥♥♥♥♥♥♥♥♥♥ = _____

6) ❋❋❋❋❋❋❋❋❋❋❋❋❋ = _____

7) ●●●●● = _____

8) ✽✽✽✽✽✽✽✽✽✽✽✽✽✽✽ = _____

9) ⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄ = _____

10) ♣♣♣♣♣♣♣♣♣♣♣♣♣ = _____

11) ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ = _____

12) ☆☆☆☆☆☆☆ = _____

13) ☼☼☼☼☼☼☼☼☼☼☼☼☼☼☼☼ = _____

14) ✽✽✽✽✽✽✽✽✽ = _____

15) ✽✽✽ = _____

16) ✿✿✿✿✿✿✿✿ = _____

17) ⁄⁄⁄⁄ = _____

18) ♣♣♣♣♣♣♣♣♣♣♣♣♣ = _____

19) ✽✽✽✽✽✽✽✽✽✽✽✽✽✽ = _____

20) ☼☼☼☼☼☼☼☼☼☼☼☼☼☼ = _____

21) ☆☆☆☆☆ = _____

22) ☼☼☼ = _____

23) ♣♣♣♣♣ = _____

24) ●●●●●●●●●●●●●●● = _____

25) ⁄⁄⁄⁄⁄⁄⁄ = _____

26) ⁄⁄⁄⁄⁄⁄⁄ = _____

27) ♣♣ = _____

28) ♥♥♥♥♥♥♥♥♥♥♥ = _____

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 1

Fill in the missing numbers.

1)			50	45	40					
2)			70	65	60					
3)							25	20	15	
4)							45	50	55	
5)			50	55	60					
6)	20	25	30							
7)						25	20	15		
8)						50	45	40		
9)	30	35	40							
10)						50	55	60		
11)						60	55	50		
12)				50	45	40				
13)							35	40	45	
14)					65	70	75			

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 2

Fill in the missing numbers.

1)				68	64	60				
2)					56	60	64			
3)	96	92	88							
4)					40	36	32			
5)		64	60	56						
6)							36	32	28	
7)	92	88	84							
8)				64	68	72				
9)						56	52	48		
10)						32	36	40		
11)			44	48	52					
12)					36	40	44			
13)							72	76	80	
14)							32	36	40	

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 3

Fill in the missing numbers.

1)		48	45	42						
2)						45	48	51		
3)				81	78	75				
4)						78	75	72		
5)			45	48	51					
6)					72	69	66			
7)		57	54	51						
8)				27	30	33				
9)					42	39	36			
10)	3	6	9							
11)		9	12	15						
12)							60	57	54	
13)					36	39	42			
14)			81	78	75					

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 4

Fill in the missing numbers.

1)			48	42	36					
2)				72	66	60				
3)							42	36	30	
4)	18	24	30							
5)							42	48	54	
6)				60	66	72				
7)		48	42	36						
8)							48	42	36	
9)			54	48	42					
10)				66	72	78				
11)		30	36	42						
12)			24	30	36					
13)					72	66	60			
14)			48	54	60					

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 5

Fill in the missing numbers.

1)			42	35	28					
2)		28	35	42						
3)	49	42	35							
4)							56	63	70	
5)						28	21	14		
6)		70	63	56						
7)	42	49	56							
8)		14	21	28						
9)	28	35	42							
10)		63	56	49						
11)	98	91	84							
12)		84	77	70						
13)	35	42	49							
14)			70	63	56					

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 1

Complete the counting tables.

1) Count by 9 from 7 to 88

2) Count by 4 from 9 to 45

3) Count by 5 from 4 to 49

4) Count by 1 from 4 to 13

5) Count by 8 from 4 to 76

6) Count by 9 from 5 to 86

7) Count by 2 from 1 to 19

8) Count by 7 from 9 to 72

9) Count by 5 from 9 to 54

10) Count by 7 from 6 to 69

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 2

Complete the counting tables.

1) Count by 3 from 2 to 29

2) Count by 8 from 3 to 75

3) Count by 7 from 4 to 67

4) Count by 2 from 9 to 27

5) Count by 8 from 8 to 80

6) Count by 3 from 8 to 35

7) Count by 6 from 7 to 61

8) Count by 5 from 7 to 52

9) Count by 4 from 4 to 40

10) Count by 1 from 4 to 13

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 3

Complete the counting tables.

1) Count by 1 from 8 to 17

2) Count by 3 from 3 to 30

3) Count by 8 from 7 to 79

4) Count by 5 from 9 to 54

5) Count by 5 from 6 to 51

6) Count by 2 from 8 to 26

7) Count by 9 from 3 to 84

8) Count by 4 from 3 to 39

9) Count by 2 from 2 to 20

10) Count by 7 from 6 to 69

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 4

Complete the counting tables.

1) Count by 2 from 2 to -16

2) Count by 6 from 9 to -45

3) Count by 9 from 4 to -77

4) Count by 6 from 1 to -53

5) Count by 5 from 1 to -44

6) Count by 8 from 4 to -68

7) Count by 6 from 4 to -50

8) Count by 8 from 5 to -67

9) Count by 5 from 9 to -36

10) Count by 9 from 3 to -78

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 5

Complete the counting tables.

1) Count by 5 from 2 to -43

2) Count by 7 from 5 to -58

3) Count by 8 from 3 to -69

4) Count by 3 from 2 to -25

5) Count by 6 from 2 to -52

6) Count by 6 from 4 to -50

7) Count by 2 from 9 to -9

8) Count by 3 from 4 to -23

9) Count by 2 from 7 to -11

10) Count by 8 from 1 to -71

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 6

Complete the counting tables.

1) Count by 3 from 5 to -22

2) Count by 1 from 2 to -7

3) Count by 9 from 5 to -76

4) Count by 7 from 1 to -62

5) Count by 4 from 6 to -30

6) Count by 7 from 7 to -56

7) Count by 7 from 9 to -54

8) Count by 6 from 4 to -50

9) Count by 3 from 6 to -21

10) Count by 3 from 7 to -20

Name:_____ Class:_____ Date:____/____/_____

Distributive Property

Use the distributive property to fill the missing values.

1) 8 × (__ + 10) = 8 × 6 + 8 × ___

2) 11 × (5 + __) = 11 × __ + 11 × 6

3) __ × (9 + 7) = 3 × __ + 3 × 7

4) __ × (10 + 9) = 6 × 10 + 6 × __

5) 2 × (4 + ___) = 2 × __ + 2 × 11

6) (3 + 7) × __ = 2 × 3 + 2 × __

7) (__ + 2) × 8 = 8 × 6 + 8 × __

8) (11 + 8) × ___ = 12 × 11 + 12 × __

9) (6 + 4) × __ = 7 × __ + 7 × 4

10) (7 + __) × 3 = 3 × 7 + __ × 8

11) 5 × (2 + __) = 5 × __ + 5 × 8

12) 11 × (3 + __) = 11 × __ + 11 × 8

13) 5 × (__ + 10) = 5 × 8 + 5 × ___

14) (__ + 5) × 8 = 8 × 9 + __ × 5

15) 10 × (__ + 2) = 10 × 7 + 10 × __

16) 7 × (__ + 5) = 7 × 9 + __ × 5

17) (__ + 11) × 2 = 2 × 9 + __ × 11

18) (12 + 6) × __ = 7 × 12 + 7 × __

19) 2 × (__ + 10) = 2 × 9 + __ × 10

20) 9 × (7 + ___) = 9 × 7 + __ × 10

21) (6 + __) × 4 = 4 × __ + 4 × 8

22) (___ + 7) × 5 = 5 × 10 + __ × 7

23) 10 × (___ + 6) = 10 × 11 + ___ × 6

24) __ × (2 + 5) = 9 × 2 + 9 × __

25) 8 × (__ + 9) = 8 × 3 + __ × 9

26) 7 × (___ + 11) = 7 × 10 + __ × 11

27) (7 + __) × 5 = 5 × 7 + __ × 2

28) (__ + 8) × 7 = 7 × 4 + __ × 8

29) (___ + 3) × 8 = 8 × 10 + 8 × __

30) (4 + 7) × __ = 2 × 4 + 2 × __

31) 8 × (6 + __) = 8 × 6 + __ × 2

32) __ × (11 + 10) = 6 × ___ + 6 × 10

33) __ × (10 + 4) = 5 × ___ + 5 × 4

34) (4 + 11) × __ = 9 × 4 + 9 × ___

35) (3 + __) × 9 = 9 × 3 + __ × 2

36) 12 × (__ + 5) = 12 × 9 + 12 × __

37) 5 × (___ + 3) = 5 × 11 + 5 × __

38) __ × (10 + 8) = 6 × 10 + 6 × __

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 1

Write each value in words.

1) 659 _____

2) 2,583 _____

3) 6,128 _____

4) 9,573 _____

5) 2,168 _____

6) 724 _____

7) 1,664 _____

8) 8,389 _____

9) 8,681 _____

10) 7,849 _____

11) 2,267 _____

12) 8,735 _____

13) 5,234 _____

14) 268 _____

15) 814 _____

16) 495 _____

17) 5,046 _____

18) 1,467 _____

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 2

Provide the standard notation for each value.

1) _____ two thousand six hundred one

2) _____ four thousand nine hundred five

3) _____ two thousand six hundred forty-nine

4) _____ six thousand two hundred thirty

5) _____ six thousand two hundred thirty-three

6) _____ three thousand twenty-nine

7) _____ nine thousand three hundred fifty-one

8) _____ nine hundred ninety-nine

9) _____ six thousand five hundred thirty-six

10) _____ five thousand twelve

11) _____ eight thousand seven hundred fifty-one

12) _____ ninety-six

13) _____ five thousand four hundred twenty-one

14) _____ five thousand forty-nine

15) _____ seven thousand two hundred sixty-eight

16) _____ eight thousand eight hundred six

17) _____ six thousand six hundred thirty-one

18) _____ seven thousand seven hundred ninety-nine

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 3

Provide the expanded notation for each value.

1) 3,839 _____

2) 7,372 _____

3) 1,342 _____

4) 2,719 _____

5) 6,993 _____

6) 2,779 _____

7) 5,290 _____

8) 211 _____

9) 3,849 _____

10) 162 _____

11) 6,423 _____

12) 1,275 _____

13) 5,757 _____

14) 7,485 _____

15) 6,601 _____

16) 287 _____

17) 1,679 _____

18) 4,802 _____

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 4

Provide the standard notation for each value.

1) _____ 9,000 + 500 + 20 + 5

2) _____ 4,000 + 400 + 20 + 8

3) _____ 6,000 + 300 + 50

4) _____ 3,000 + 100 + 9

5) _____ 200 + 30 + 1

6) _____ 1,000 + 100 + 70 + 9

7) _____ 4,000 + 100 + 80 + 6

8) _____ 6,000 + 600 + 50 + 1

9) _____ 9,000 + 600 + 30 + 7

10) _____ 8,000 + 500 + 90 + 5

11) _____ 2,000 + 400 + 30 + 8

12) _____ 7,000 + 200 + 10 + 7

13) _____ 1,000 + 400 + 70 + 7

14) _____ 6,000 + 400 + 20 + 7

15) _____ 3,000 + 600 + 30 + 6

16) _____ 3,000 + 10 + 4

17) _____ 6,000 + 600 + 50 + 5

18) _____ 7,000 + 600 + 70 + 2

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 5

Provide the expanded notation for each value.

1) 135 _____

2) 9,881 _____

3) 7,911 _____

4) 9,869 _____

5) 950 _____

6) 6,032 _____

7) 9,179 _____

8) 9,199 _____

9) 4,575 _____

10) 5,271 _____

11) 9,254 _____

12) 1,276 _____

13) 3,494 _____

14) 5,144 _____

15) 3,380 _____

16) 2,477 _____

17) 9,281 _____

18) 2,213 _____

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 6

Provide the standard notation for each value.

1) _____ $1 \times 1000 + 4 \times 100 + 6 \times 10$

2) _____ $7 \times 100 + 4 \times 10$

3) _____ $7 \times 1000 + 1 \times 100 + 5 \times 10 + 1 \times 1$

4) _____ $1 \times 100 + 7 \times 10 + 3 \times 1$

5) _____ $8 \times 1000 + 5 \times 100 + 3 \times 10 + 2 \times 1$

6) _____ $3 \times 100 + 5 \times 10 + 2 \times 1$

7) _____ $3 \times 1000 + 1 \times 100 + 4 \times 10 + 1 \times 1$

8) _____ $6 \times 1000 + 6 \times 100 + 9 \times 10 + 4 \times 1$

9) _____ $7 \times 1000 + 7 \times 100 + 7 \times 10 + 2 \times 1$

10) _____ $6 \times 1000 + 6 \times 100 + 3 \times 10 + 1 \times 1$

11) _____ $8 \times 1000 + 6 \times 100 + 8 \times 10 + 4 \times 1$

12) _____ $9 \times 1000 + 9 \times 100 + 9 \times 10 + 5 \times 1$

13) _____ $7 \times 1000 + 6 \times 100 + 3 \times 10 + 8 \times 1$

14) _____ $2 \times 1000 + 7 \times 100 + 5 \times 10 + 3 \times 1$

15) _____ $8 \times 100 + 4 \times 10 + 1 \times 1$

16) _____ $8 \times 1000 + 9 \times 100 + 2 \times 10 + 7 \times 1$

17) _____ $1 \times 100 + 6 \times 10 + 2 \times 1$

18) _____ $1 \times 1000 + 7 \times 100 + 9 \times 10 + 7 \times 1$

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 7

Provide the place value notation for each value.

1) 6,890 _____

2) 9,654 _____

3) 3,488 _____

4) 328 _____

5) 3,929 _____

6) 1,031 _____

7) 6,603 _____

8) 8,914 _____

9) 7,396 _____

10) 8,371 _____

11) 5,111 _____

12) 7,293 _____

13) 3,847 _____

14) 8,999 _____

15) 7,145 _____

16) 1,433 _____

17) 1,564 _____

18) 5,925 _____

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 8

Provide the standard notation for each value.

1) _____ 5 hundreds + 3 tens + 1 one

2) _____ 9 thousands + 9 hundreds + 6 tens + 1 one

3) _____ 1 thousand + 3 hundreds + 5 tens + 9 ones

4) _____ 7 thousands + 5 hundreds + 6 tens + 9 ones

5) _____ 6 thousands + 7 hundreds + 3 tens + 8 ones

6) _____ 4 thousands + 2 hundreds + 5 tens + 5 ones

7) _____ 8 thousands + 2 hundreds + 5 tens + 9 ones

8) _____ 2 thousands + 5 hundreds + 5 tens + 9 ones

9) _____ 5 hundreds + 2 tens + 5 ones

10) _____ 4 thousands + 5 hundreds + 7 tens + 9 ones

11) _____ 7 thousands + 6 hundreds + 3 tens + 2 ones

12) _____ 6 thousands + 5 hundreds + 1 ten

13) _____ 4 hundreds + 4 tens + 6 ones

14) _____ 4 thousands + 5 hundreds + 6 tens + 6 ones

15) _____ 4 thousands + 9 hundreds + 9 tens + 2 ones

16) _____ 1 thousand + 5 hundreds + 9 tens + 3 ones

17) _____ 5 thousands + 5 hundreds + 8 tens + 6 ones

18) _____ 9 thousands + 6 hundreds + 2 tens + 5 ones

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 9

Provide the expanded notation for each value using powers of ten.

1) 8,724 _____

2) 1,142 _____

3) 6,811 _____

4) 6,130 _____

5) 3,570 _____

6) 9,616 _____

7) 2,955 _____

8) 4,769 _____

9) 1,593 _____

10) 489 _____

11) 2,794 _____

12) 9,684 _____

13) 2,860 _____

14) 6,215 _____

15) 1,199 _____

16) 4,915 _____

17) 8,406 _____

18) 200 _____

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 10

Provide the standard notation for each value.

1) _____ $(4 \times 10^2) + (4 \times 10^1) + (8 \times 10^0)$

2) _____ $(9 \times 10^3) + (3 \times 10^2) + (2 \times 10^1)$

3) _____ $(2 \times 10^3) + (9 \times 10^2) + (2 \times 10^1) + (6 \times 10^0)$

4) _____ $(9 \times 10^3) + (2 \times 10^2) + (3 \times 10^1) + (2 \times 10^0)$

5) _____ $(2 \times 10^3) + (6 \times 10^1) + (8 \times 10^0)$

6) _____ $(1 \times 10^3) + (3 \times 10^2) + (8 \times 10^1)$

7) _____ $(5 \times 10^2) + (1 \times 10^1) + (6 \times 10^0)$

8) _____ $(2 \times 10^3) + (3 \times 10^1) + (4 \times 10^0)$

9) _____ $(1 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (2 \times 10^0)$

10) _____ $(8 \times 10^2) + (9 \times 10^1) + (6 \times 10^0)$

11) _____ $(7 \times 10^3) + (9 \times 10^2) + (3 \times 10^1) + (5 \times 10^0)$

12) _____ $(5 \times 10^2) + (5 \times 10^1) + (5 \times 10^0)$

13) _____ $(2 \times 10^3) + (3 \times 10^2) + (1 \times 10^1) + (1 \times 10^0)$

14) _____ $(2 \times 10^3) + (2 \times 10^2) + (6 \times 10^1) + (4 \times 10^0)$

15) _____ $(3 \times 10^3) + (4 \times 10^2) + (2 \times 10^1) + (3 \times 10^0)$

16) _____ $(7 \times 10^3) + (5 \times 10^2) + (1 \times 10^1) + (8 \times 10^0)$

17) _____ $(2 \times 10^3) + (7 \times 10^2) + (8 \times 10^0)$

18) _____ $(4 \times 10^2) + (3 \times 10^1) + (2 \times 10^0)$

Name:_____ Class:_____ Date:____/____/_____

Factors

List the factors for each number.

1) 37 _____	2) 4 _____	3) 5 _____
4) 9 _____	5) 94 _____	6) 7 _____
7) 72 _____	8) 63 _____	9) 97 _____
10) 18 _____	11) 33 _____	12) 36 _____
13) 3 _____	14) 28 _____	15) 48 _____
16) 98 _____	17) 79 _____	18) 96 _____
19) 8 _____	20) 1 _____	21) 2 _____
22) 70 _____	23) 87 _____	24) 35 _____
25) 17 _____	26) 10 _____	27) 6 _____
28) 61 _____	29) 58 _____	30) 45 _____
31) 41 _____	32) 64 _____	33) 30 _____
34) 16 _____	35) 11 _____	36) 80 _____
37) 34 _____	38) 49 _____	39) 55 _____
40) 14 _____	41) 71 _____	42) 52 _____
43) 31 _____	44) 22 _____	45) 92 _____
46) 13 _____	47) 66 _____	48) 15 _____
49) 29 _____	50) 27 _____	51) 39 _____
52) 56 _____	53) 51 _____	54) 76 _____
55) 53 _____	56) 54 _____	57) 57 _____

Name:_____ Class:_____ Date:____/____/_____

Greatest Common Factor

Find the greatest common factor.

1) 110 _____ ___
75 _____

2) 77 _____ ___
14 _____

3) 99 _____ ___
66 _____

4) 130 _____ ___
18 _____

5) 36 _____ ___
12 _____

6) 35 _____ ___
91 _____

7) 11 _____ ___
132 _____

8) 105 _____ ___
56 _____

9) 22 _____ ___
66 _____

10) 11 _____ ___
99 _____

11) 88 _____ ___
66 _____

12) 130 _____ ___
10 _____

13) 9 _____ ___
33 _____

14) 132 _____ ___
54 _____

15) 35 _____ ___
21 _____

16) 84 _____ ___
80 _____

17) 44 _____ ___
121 _____

18) 141 _____ ___
111 _____

19) 48 _____ ___
12 _____

20) 115 _____ ___
55 _____

Name:_____ Class:_____ Date:____/____/_____

Lowest Common Multiple

Find the lowest common multiple.

1) 11 _____ ____
13 _____

2) 12 _____ ____
14 _____

3) 8 _____ ____
6 _____

4) 6 _____ ____
20 _____

5) 14 _____ ____
16 _____

6) 2 _____ ____
9 _____

7) 14 _____ ____
9 _____

8) 4 _____ ____
5 _____

9) 6 _____ ____
4 _____

10) 9 _____ ____
16 _____

11) 17 _____ ____
2 _____

12) 9 _____ ____
7 _____

Name:_____ Class:_____ Date:____/____/_____

Multiples

List the first 5 multiples for each number.

1) 6 _____
2) 39 _____
3) 3 _____
4) 2 _____
5) 58 _____
6) 7 _____
7) 75 _____
8) 30 _____
9) 91 _____
10) 73 _____
11) 79 _____
12) 18 _____
13) 42 _____
14) 52 _____
15) 5 _____
16) 83 _____
17) 1 _____
18) 46 _____
19) 78 _____
20) 34 _____
21) 9 _____
22) 36 _____
23) 29 _____
24) 8 _____
25) 49 _____
26) 56 _____
27) 89 _____
28) 61 _____
29) 22 _____
30) 20 _____
31) 4 _____
32) 99 _____
33) 26 _____
34) 31 _____
35) 67 _____
36) 16 _____

Name:_____ Class:_____ Date:____/____/_____

Ordering Numbers

Order the numbers.

1) 283 _____
174 _____
589 _____
747 _____
691 _____

2) 418 _____
710 _____
389 _____
871 _____
615 _____
119 _____

3) 117 _____
816 _____
975 _____
882 _____
665 _____

4) 187 _____
523 _____
380 _____
465 _____

5) 636 _____
807 _____
760 _____
386 _____

6) 626 _____
481 _____
173 _____
106 _____
661 _____

7) 834 _____
482 _____
415 _____
875 _____
353 _____
725 _____

8) 503 _____
203 _____
499 _____
485 _____
681 _____

9) 336 _____
583 _____
387 _____
709 _____

10) 349 _____
446 _____
742 _____
610 _____
294 _____
442 _____

11) 115 _____
665 _____
674 _____
992 _____
673 _____

12) 604 _____
151 _____
728 _____
153 _____

13) 635 _____
925 _____
205 _____
934 _____
651 _____
111 _____

14) 315 _____
458 _____
531 _____
119 _____

15) 229 _____
577 _____
441 _____
928 _____

16) 595 _____
771 _____
945 _____
349 _____
299 _____

17) 826 _____
411 _____
534 _____
539 _____
381 _____

18) 503 _____
854 _____
778 _____
482 _____
827 _____
896 _____

19) 363 _____
361 _____
931 _____
554 _____
350 _____
357 _____

20) 579 _____
926 _____
766 _____
718 _____

21) 472 _____
181 _____
601 _____
133 _____
300 _____
309 _____

22) 879 _____
209 _____
557 _____
457 _____

23) 718 _____
754 _____
338 _____
844 _____

24) 888 _____
667 _____
148 _____
980 _____

25) 366 _____
694 _____
265 _____
431 _____
212 _____
875 _____

Name:_____ Class:_____ Date:____/____/_____

Place Value

Determine the place value of the underlined digit.

1) 6,93<u>8</u> = _____
2) <u>5</u>5 = _____
3) <u>4</u>,483 = _____
4) 9<u>9</u>1 = _____
5) <u>9</u>4 = _____
6) <u>1</u>90 = _____
7) 41<u>3</u> = _____
8) 8,63<u>1</u> = _____
9) <u>4</u>87 = _____
10) <u>2</u>0 = _____
11) 8,5<u>9</u>4 = _____
12) 6,84<u>2</u> = _____
13) <u>5</u>7 = _____
14) 7<u>7</u> = _____
15) <u>8</u>4 = _____
16) 5<u>6</u> = _____
17) <u>8</u>10 = _____
18) <u>2</u>,724 = _____
19) <u>9</u>0 = _____
20) 9<u>2</u>0 = _____
21) <u>5</u>10 = _____
22) 5,98<u>0</u> = _____
23) 1<u>5</u> = _____
24) 1,<u>5</u>30 = _____
25) 4<u>0</u> = _____
26) 4<u>8</u> = _____
27) 6,<u>1</u>78 = _____
28) 18<u>4</u> = _____
29) <u>7</u>,074 = _____
30) <u>4</u>99 = _____
31) <u>8</u>3 = _____
32) 4,06<u>9</u> = _____
33) <u>9</u>,195 = _____
34) 6,4<u>0</u>8 = _____
35) <u>7</u>61 = _____
36) <u>7</u>,145 = _____
37) <u>4</u>2 = _____
38) 4,68<u>8</u> = _____
39) <u>4</u>4 = _____
40) 1<u>7</u> = _____
41) 3,0<u>8</u>7 = _____
42) 82<u>1</u> = _____
43) 7,97<u>5</u> = _____
44) 7,8<u>9</u>8 = _____
45) <u>7</u>3 = _____
46) 5<u>2</u>6 = _____
47) <u>9</u>81 = _____
48) 6,33<u>1</u> = _____
49) 50<u>8</u> = _____
50) 4,<u>7</u>61 = _____
51) 2<u>8</u> = _____
52) 4<u>5</u>4 = _____
53) 5<u>2</u>4 = _____
54) <u>5</u>12 = _____

Name:_____ Class:_____ Date:____/____/_____

Prime Numbers

List the prime factors for each number. Is the number prime?

1) 6 = _____
2) 25 = _____
3) 5 = _____
4) 56 = _____
5) 1 = _____
6) 16 = _____
7) 96 = _____
8) 15 = _____
9) 95 = _____
10) 62 = _____
11) 4 = _____
12) 64 = _____
13) 46 = _____
14) 8 = _____
15) 76 = _____
16) 9 = _____
17) 7 = _____
18) 48 = _____
19) 47 = _____
20) 59 = _____
21) 68 = _____
22) 18 = _____
23) 87 = _____
24) 92 = _____
25) 73 = _____
26) 88 = _____
27) 42 = _____
28) 14 = _____
29) 33 = _____
30) 3 = _____
31) 50 = _____
32) 78 = _____
33) 2 = _____
34) 57 = _____
35) 43 = _____
36) 17 = _____

Name:_____ Class:_____ Date:____/____/_____

Rounding Numbers

Round to the underlined digit.

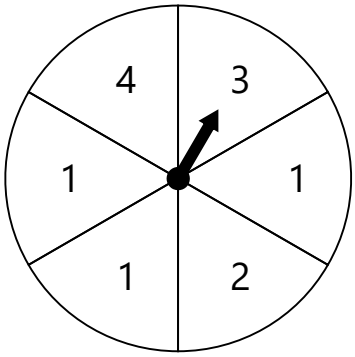
1) 3,511 = _____
2) 5,372 = _____
3) 8,324 = _____
4) 3,124 = _____
5) 5,543 = _____
6) 6,285 = _____
7) 1,122 = _____
8) 9,045 = _____
9) 9,096 = _____
10) 4,565 = _____
11) 5,578 = _____
12) 8,359 = _____
13) 2,236 = _____
14) 5,709 = _____
15) 5,685 = _____
16) 6,683 = _____
17) 6,817 = _____
18) 6,929 = _____
19) 3,231 = _____
20) 6,568 = _____
21) 4,735 = _____
22) 7,699 = _____
23) 5,396 = _____
24) 5,405 = _____
25) 8,129 = _____
26) 5,247 = _____
27) 1,440 = _____
28) 8,894 = _____
29) 5,342 = _____
30) 6,873 = _____
31) 5,950 = _____
32) 8,550 = _____
33) 2,515 = _____
34) 6,973 = _____
35) 2,166 = _____
36) 9,813 = _____
37) 3,832 = _____
38) 5,857 = _____
39) 9,297 = _____
40) 2,743 = _____
41) 8,285 = _____
42) 6,293 = _____
43) 9,892 = _____
44) 8,721 = _____
45) 2,061 = _____
46) 1,416 = _____
47) 2,898 = _____
48) 1,431 = _____
49) 4,974 = _____
50) 2,168 = _____
51) 7,580 = _____
52) 2,662 = _____
53) 2,237 = _____
54) 7,682 = _____
55) 5,811 = _____
56) 9,975 = _____
57) 1,624 = _____
58) 7,718 = _____
59) 7,413 = _____
60) 2,038 = _____
61) 9,680 = _____
62) 1,151 = _____
63) 4,754 = _____
64) 7,691 = _____
65) 9,627 = _____
66) 9,809 = _____
67) 9,720 = _____
68) 8,735 = _____
69) 4,519 = _____
70) 6,869 = _____
71) 3,985 = _____
72) 2,072 = _____

Name:_____ Class:_____ Date:____/____/_____

Probability Spinner 1

Calculate the probability of the spinner pointers landing on the specified values.

1)

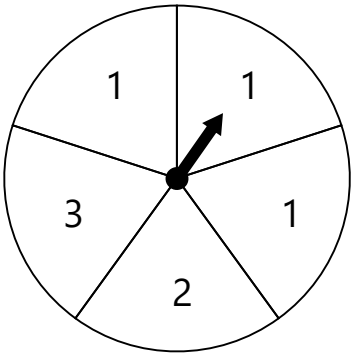


Land on 1 = _____

Land on 2 = _____

Land on odd = _____

2)

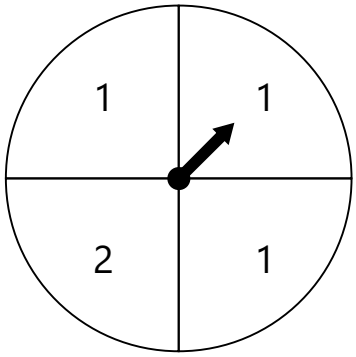


Land on 1 = _____

Land on 3 = _____

Land on odd = _____

3)

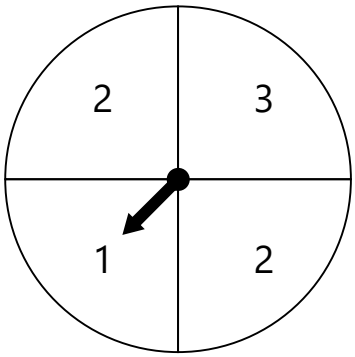


Land on 2 = _____

Land on 1 = _____

Land on odd = _____

4)

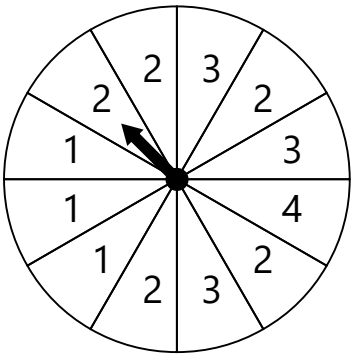


Land on 3 = _____

Land on 1 = _____

Land on odd = _____

5)

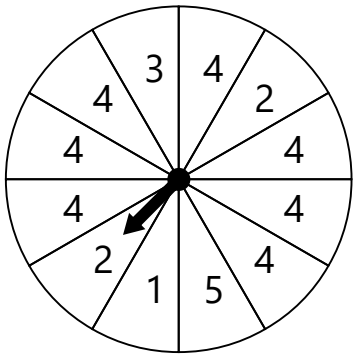


Land on 1 = _____

Land on 3 = _____

Land on even = _____

6)

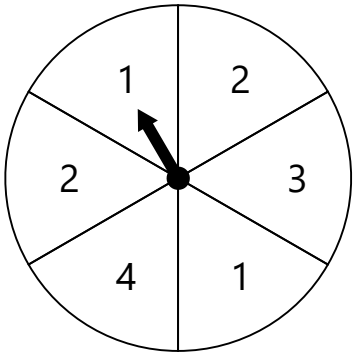


Land on 3 = _____

Land on 5 = _____

Land on odd = _____

7)

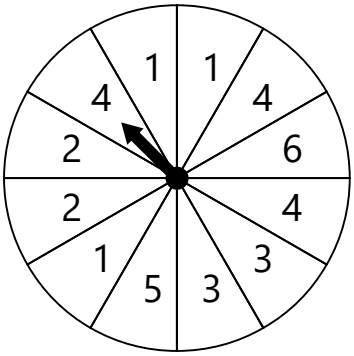


Land on 2 = _____

Land on 1 = _____

Land on even = _____

8)

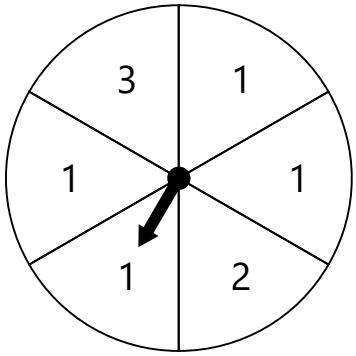


Land on 1 = _____

Land on 4 = _____

Land on even = _____

9)



Land on 3 = _____

Land on 2 = _____

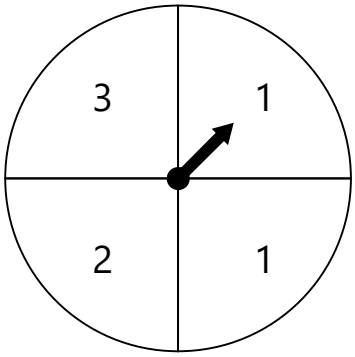
Land on even = _____

Name:_____ Class:_____ Date:____/____/_____

Probability Spinner 2

Calculate the probability of the spinner pointers landing on the specified values.

1)

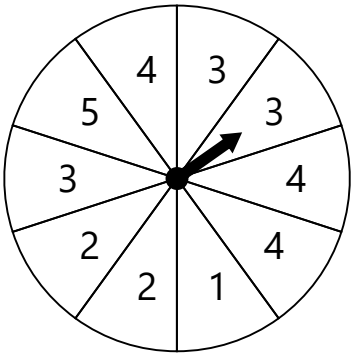


Land on 2 = _____

Land on 3 = _____

Land on odd = _____

2)

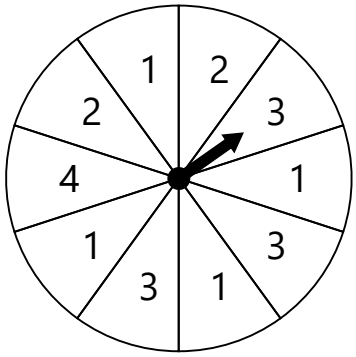


Land on 5 = _____

Land on 4 = _____

Land on even = _____

3)

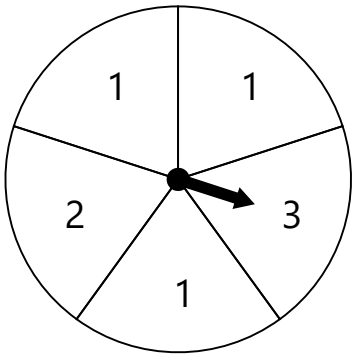


Land on 2 = _____

Land on 4 = _____

Land on even = _____

4)

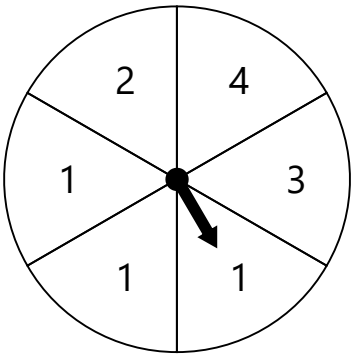


Land on 3 = _____

Land on 2 = _____

Land on even = _____

5)

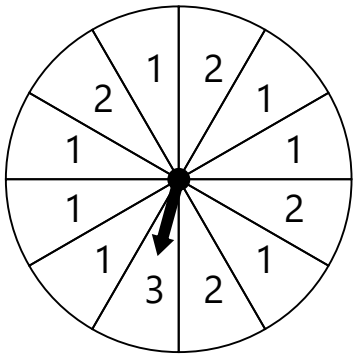


Land on 2 = _____

Land on 3 = _____

Land on odd = _____

6)

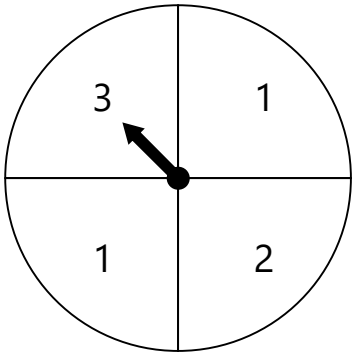


Land on 3 = _____

Land on 1 = _____

Land on odd = _____

7)

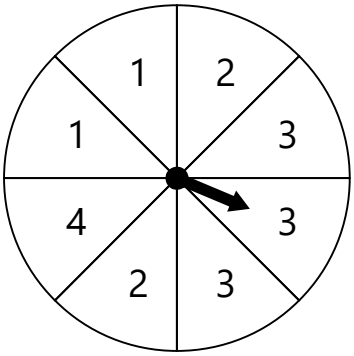


Land on 1 = _____

Land on 2 = _____

Land on odd = _____

8)

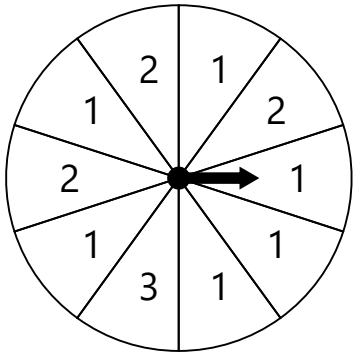


Land on 2 = _____

Land on 3 = _____

Land on even = _____

9)



Land on 3 = _____

Land on 1 = _____

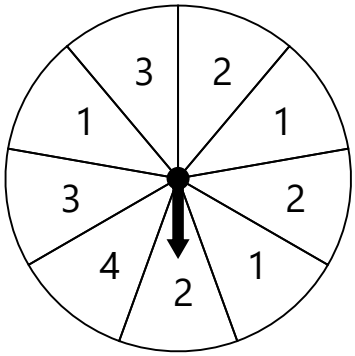
Land on even = _____

Name:_____ Class:_____ Date:____/____/_____

Probability Spinner 3

Calculate the probability of the spinner pointers landing on the specified values.

1)

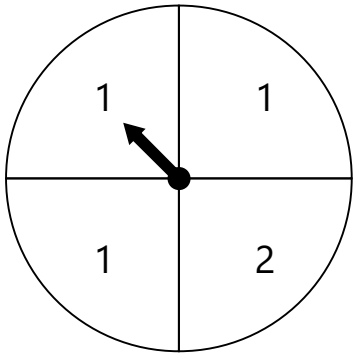


Land on 1 =

Land on 2 =

Land on odd =

2)

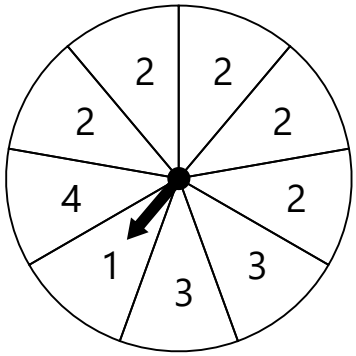


Land on 2 =

Land on 1 =

Land on even =

3)

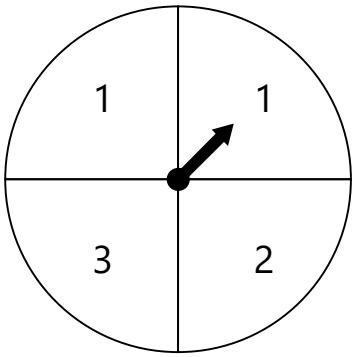


Land on 3 =

Land on 1 =

Land on even =

4)

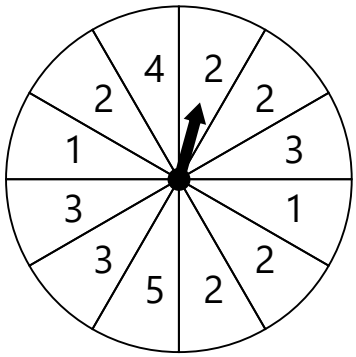


Land on 1 =

Land on 2 =

Land on odd =

5)

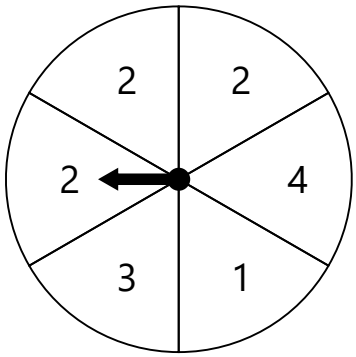


Land on 5 =

Land on 2 =

Land on even =

6)

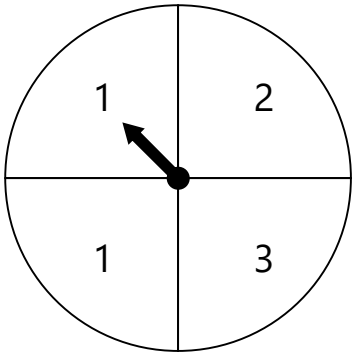


Land on 1 =

Land on 4 =

Land on even =

7)

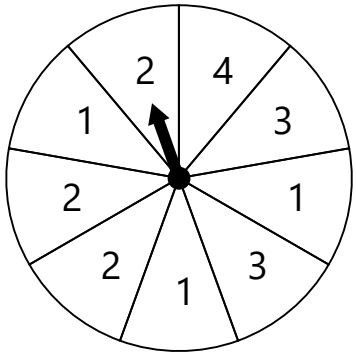


Land on 1 =

Land on 2 =

Land on odd =

8)

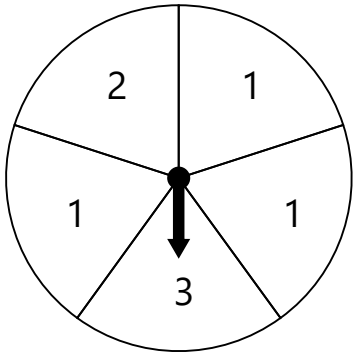


Land on 3 =

Land on 4 =

Land on odd =

9)



Land on 1 =

Land on 2 =

Land on even =

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 1

Solve.

1)

15	–	3	+	4	=	
–		+		–		+
3	+	10	–	3	=	
+		–		+		+
20	–	6	+	11	=	
=		=		=		=
	+		+		=	

2)

19	–	17	+	7	=	
–		+		–		+
17	+	12	–	3	=	
+		–		+		+
11	–	6	+	9	=	
=		=		=		=
	+		+		=	

3)

4	–	4	+	3	=	
–		+		–		+
4	+	14	–	1	=	
+		–		+		+
8	–	8	+	20	=	
=		=		=		=
	+		+		=	

4)

10	–	6	+	2	=	
–		+		–		+
6	+	18	–	2	=	
+		–		+		+
11	–	7	+	3	=	
=		=		=		=
	+		+		=	

5)

12	–	5	+	6	=	
–		+		–		+
5	+	2	–	2	=	
+		–		+		+
17	–	2	+	16	=	
=		=		=		=
	+		+		=	

6)

7	–	2	+	19	=	
–		+		–		+
2	+	15	–	9	=	
+		–		+		+
8	–	3	+	3	=	
=		=		=		=
	+		+		=	

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 2

Solve.

1)

13	–	11	+	1	=	
–		+		–		+
11	+	2	–	1	=	
+		–		+		+
16	–	2	+	7	=	
=		=		=		=
	+		+		=	

2)

5	–	2	+	1	=	
–		+		–		+
2	+	20	–	1	=	
+		–		+		+
14	–	9	+	8	=	
=		=		=		=
	+		+		=	

3)

6	–	2	+	20	=	
–		+		–		+
2	+	20	–	5	=	
+		–		+		+
10	–	8	+	8	=	
=		=		=		=
	+		+		=	

4)

6	–	2	+	7	=	
–		+		–		+
2	+	20	–	4	=	
+		–		+		+
4	–	2	+	2	=	
=		=		=		=
	+		+		=	

5)

6	–	6	+	6	=	
–		+		–		+
6	+	3	–	2	=	
+		–		+		+
11	–	1	+	16	=	
=		=		=		=
	+		+		=	

6)

11	–	11	+	17	=	
–		+		–		+
11	+	9	–	8	=	
+		–		+		+
12	–	9	+	13	=	
=		=		=		=
	+		+		=	

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 3

Solve.

1)

12	–	7	+	10	=	
–		+		–		+
7	+	8	–	4	=	
+		–		+		+
7	–	7	+	4	=	
=		=		=		=
	+		+		=	

2)

20	–	14	+	17	=	
–		+		–		+
14	+	15	–	7	=	
+		–		+		+
19	–	14	+	1	=	
=		=		=		=
	+		+		=	

3)

17	–	17	+	15	=	
–		+		–		+
17	+	20	–	7	=	
+		–		+		+
10	–	9	+	16	=	
=		=		=		=
	+		+		=	

4)

3	–	1	+	10	=	
–		+		–		+
1	+	5	–	4	=	
+		–		+		+
8	–	3	+	14	=	
=		=		=		=
	+		+		=	

5)

9	–	7	+	8	=	
–		+		–		+
7	+	19	–	6	=	
+		–		+		+
1	–	1	+	19	=	
=		=		=		=
	+		+		=	

6)

20	–	3	+	3	=	
–		+		–		+
3	+	18	–	3	=	
+		–		+		+
8	–	3	+	13	=	
=		=		=		=
	+		+		=	

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 4

Solve.

1)

2	–	2	+	13	=	
–		+		–		+
2	+	18	–	12	=	
+		–		+		+
19	–	4	+	2	=	
=		=		=		=
	+		+		=	

2)

14	–	10	+	5	=	
–		+		–		+
10	+	4	–	4	=	
+		–		+		+
15	–	3	+	13	=	
=		=		=		=
	+		+		=	

3)

3	–	1	+	6	=	
–		+		–		+
1	+	16	–	4	=	
+		–		+		+
20	–	5	+	17	=	
=		=		=		=
	+		+		=	

4)

6	–	5	+	20	=	
–		+		–		+
5	+	6	–	3	=	
+		–		+		+
1	–	1	+	16	=	
=		=		=		=
	+		+		=	

5)

18	–	16	+	4	=	
–		+		–		+
16	+	17	–	3	=	
+		–		+		+
14	–	12	+	10	=	
=		=		=		=
	+		+		=	

6)

10	–	4	+	5	=	
–		+		–		+
4	+	2	–	2	=	
+		–		+		+
10	–	1	+	6	=	
=		=		=		=
	+		+		=	

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 5

Solve.

1)

13	–	7	+	15	=	
–		+		–		+
7	+	12	–	2	=	
+		–		+		+
12	–	2	+	2	=	
=		=		=		=
	+		+		=	

2)

11	–	9	+	12	=	
–		+		–		+
9	+	3	–	3	=	
+		–		+		+
19	–	3	+	14	=	
=		=		=		=
	+		+		=	

3)

13	–	7	+	6	=	
–		+		–		+
7	+	1	–	1	=	
+		–		+		+
14	–	1	+	9	=	
=		=		=		=
	+		+		=	

4)

7	–	6	+	6	=	
–		+		–		+
6	+	4	–	3	=	
+		–		+		+
5	–	1	+	16	=	
=		=		=		=
	+		+		=	

5)

15	–	11	+	14	=	
–		+		–		+
11	+	17	–	4	=	
+		–		+		+
10	–	7	+	7	=	
=		=		=		=
	+		+		=	

6)

16	–	2	+	7	=	
–		+		–		+
2	+	19	–	1	=	
+		–		+		+
14	–	8	+	12	=	
=		=		=		=
	+		+		=	

Name:_____ Class:_____ Date:____/____/_____

Addition Box 1

Solve.

1)

			33
	4		37
1			14
26	5	5	36
59	15	13	43

2)

			21
11			19
2		33	40
9		6	61
22	52	46	22

3)

			84
	49	9	64
36	44		83
31			47
73	101	20	58

4)

			37
			32
42	23	18	83
	3	9	15
47	45	38	34

5)

			22
49		2	88
18	9		32
	2		48
78	48	42	93

6)

			42
	9	5	54
		22	66
1		4	9
49	49	31	80

7)

			91
4			98
44	10	1	55
	22		88
80	77	84	48

8)

			58
	7	3	19
9		4	21
47			61
65	22	14	24

9)

			40
48		27	77
34		9	46
		44	55
92	6	80	95

10)

			19
		8	72
11	6		64
	40	1	46
66	60	56	57

11)

			52
8		6	15
		5	14
38	33		117
47	42	57	62

12)

			113
	6		79
6	47		82
34		48	110
81	81	109	136

Name:_____ Class:_____ Date:____/____/_____

Addition Box 2

Solve.

1)

			49
18	16		41
3		4	40
9			41
30	78	14	54

2)

			81
2	24	45	71
		25	76
32			78
81	37	107	43

3)

			91
11			94
	3	38	72
44	38		86
86	80	86	18

4)

			81
9			20
12		12	61
38	13		68
59	55	35	63

5)

			92
36	44	3	83
9			50
		14	68
95	87	19	89

6)

			81
	1		19
5			90
20	5	2	27
26	50	60	47

7)

			48
	4	40	75
		3	42
1	7		17
64	18	52	47

8)

			58
6	25	1	32
	29		52
		28	68
49	66	37	63

9)

			17
	9		55
		9	14
8	35	46	89
50	45	63	85

10)

			71
	14	22	43
1	19		34
30			82
38	72	49	39

11)

			74
3	6	25	34
		37	123
		38	46
44	59	100	88

12)

			11
25	14	5	44
	5		88
1			11
76	20	47	39

Name:_____ Class:_____ Date:____/____/_____

Addition Box 3

Solve.

1)

			67
9	9	8	26
		3	42
34			42
57	39	14	37

2)

			56
31			55
7	8		46
45		11	105
83	78	45	50

3)

			51
	19		59
	4	40	81
	13	2	44
88	36	60	28

4)

			34
4	1		12
	12		32
15	32		51
21	45	29	20

5)

			92
42	6	41	89
	32		67
		26	70
87	63	76	100

6)

			36
			49
6	3	5	14
6		42	54
27	16	74	60

7)

			54
36		47	91
		30	57
1	4		17
58	18	89	54

8)

			67
	5		66
		8	25
8	38	16	62
27	52	74	36

9)

			43
43		33	79
3			55
3	7		42
49	17	110	82

10)

			16
		5	54
50	2		76
9	3		17
104	9	34	52

11)

			73
7	42	22	71
9	1		17
			68
66	52	38	17

12)

			65
17			48
25		5	34
	47	17	105
83	62	42	38

Name:_____ Class:_____ Date:____/____/_____

Addition Box 4

Solve.

1)

			43
10		15	26
	9	29	83
		31	82
74	42	75	50

2)

			83
	4		41
17	22	42	81
	3		64
45	29	112	59

3)

			42
	8	6	17
		30	73
33	15		51
76	26	39	9

4)

			13
8		3	16
			52
2	12	7	21
48	25	16	23

5)

			83
	16	7	42
	46		96
	47	2	79
95	109	13	67

6)

			14
4	33		38
	1	38	41
		46	96
18	72	85	51

7)

			44
21	3		58
		21	26
6	1		43
28	8	91	61

8)

			67
	37	9	80
	49	2	74
9			25
66	91	22	94

9)

			63
	6	13	41
	43	25	73
	6		50
34	55	75	102

10)

			37
	42		91
21	26	11	58
		6	20
65	79	25	73

11)

			47
	9		43
	23		89
20	44	14	78
75	76	59	67

12)

			49
27	17		87
		9	34
	17	8	26
48	39	60	40

Name:_____ Class:_____ Date:____/____/_____

Addition Box 5

Solve.

1)

			39
18			67
	1	16	64
	20	16	73
102	69	33	35

2)

			76
39		18	61
	14	6	63
		2	88
126	60	26	55

3)

			20
			9
8	7	37	52
	25	9	43
21	33	50	20

4)

			41
45			107
	6	7	20
3		5	15
55	43	44	56

5)

			47
46		5	59
	17	13	35
25			72
76	66	24	69

6)

			73
	5	8	43
2	22	33	57
			89
75	39	75	86

7)

			81
12	3	11	26
20	40		65
			79
62	44	64	100

8)

			26
	6	13	24
			44
4	9	1	14
13	24	45	15

9)

			104
14	13		62
	24	1	52
	45		114
86	82	60	62

10)

			68
28		43	114
2		33	38
		9	34
52	49	85	40

11)

			81
		25	87
15	21	35	71
	8		46
83	58	63	57

12)

			25
8			17
		50	103
6	27	30	63
55	41	87	50

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 1

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 11 4

2) 28 8

3) 9 28

4) 23 28

5) 3 15

6) 2 6

7) 9 20

8) 7 7

9) 15 30

10) 12 25

11) 9 22

12) 26 3

13) 14 25

14) 16 20

15) 3 6

16) 15 7

17) 26 18

18) 21 9

19) 22 7

20) 29 13

21) 14 22

22) 30 20

23) 29 14

24) 11 22

25) 5 13

26) 20 8

27) 9 7

28) 6 19

29) 8 27

30) 24 14

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 2

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 10 3

2) 3 2

3) 2 6

4) 10 9

5) 2 15

6) 23 30

7) 3 22

8) 23 2

9) 11 8

10) 30 28

11) 2 16

12) 12 2

13) 11 15

14) 2 12

15) 8 17

16) 28 9

17) 23 6

18) 16 29

19) 10 13

20) 24 13

21) 12 30

22) 21 9

23) 22 28

24) 15 28

25) 14 19

26) 15 4

27) 8 29

28) 17 24

29) 21 2

30) 22 17

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 3

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 11 14

2) 8 24

3) 24 12

4) 24 9

5) 26 24

6) 23 22

7) 18 18

8) 5 22

9) 4 19

10) 21 11

11) 29 14

12) 24 4

13) 24 26

14) 8 18

15) 15 27

16) 5 27

17) 25 15

18) 19 11

19) 20 3

20) 27 29

21) 3 10

22) 6 26

23) 27 9

24) 15 3

25) 23 5

26) 14 5

27) 10 30

28) 6 27

29) 20 5

30) 30 28

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 4

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 17 10

2) 17 22

3) 9 12

4) 26 8

5) 25 15

6) 4 19

7) 17 17

8) 25 5

9) 2 8

10) 27 4

11) 9 9

12) 9 7

13) 30 17

14) 17 14

15) 3 16

16) 18 30

17) 25 29

18) 10 5

19) 16 29

20) 6 9

21) 14 23

22) 16 10

23) 3 30

24) 13 11

25) 14 10

26) 5 21

27) 29 10

28) 2 12

29) 23 23

30) 26 13

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 5

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 6 22

2) 13 29

3) 18 29

4) 26 16

5) 17 15

6) 28 21

7) 26 23

8) 16 2

9) 22 20

10) 8 26

11) 10 29

12) 16 19

13) 6 24

14) 2 16

15) 11 18

16) 22 11

17) 7 25

18) 6 30

19) 13 17

20) 2 3

21) 20 17

22) 5 4

23) 19 3

24) 13 19

25) 20 30

26) 13 10

27) 13 15

28) 15 30

29) 24 4

30) 15 28

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 1

Find the magic number.

1)

14		18
	20	16
22		

Magic Number:

2)

26	16	
	20	
22	24	

Magic Number:

3)

22		14
	20	28
		18

Magic Number:

4)

	22	8
	14	18
	6	

Magic Number:

5)

22	32	18
30	16	

Magic Number:

6)

		24
		34
28	30	20

Magic Number:

7)

20		
6		22
16	18	

Magic Number:

8)

26		18
24	14	28

Magic Number:

9)

28		32
	26	22
		24

Magic Number:

10)

24	14	
	22	18
		20

Magic Number:

11)

6		10
16	12	
14		

Magic Number:

12)

18		22
28	24	
		30

Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 2

Find the magic number.

1)

18		
28	20	
	24	22

Magic Number:

2)

		24
30	26	
28	18	

Magic Number:

3)

		16
22		6
12		20

Magic Number:

4)

16	18	
	14	
20		12

Magic Number:

5)

	26	
14	22	
28		20

Magic Number:

6)

30	20	22
		32
	28	

Magic Number:

7)

	16	6
		20
18	8	

Magic Number:

8)

28	14	24
18		
	30	

Magic Number:

9)

22		
	24	
18	28	26

Magic Number:

10)

20		
	18	14
12	26	

Magic Number:

11)

	6	
18	14	10
		12

Magic Number:

12)

		18
16	12	8
	20	

Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 3

Find the magic number.

1)

20		12
6		22
	18	

Magic Number:

2)

24		20
22		
32		28

Magic Number:

3)

28		20
	26	34
32		

Magic Number:

4)

	12	22
16		
	28	14

Magic Number:

5)

14	16	
	12	
18	8	

Magic Number:

6)

32		
18	26	
	30	20

Magic Number:

7)

16		24
26	18	
	22	

Magic Number:

8)

16		
	18	22
24		20

Magic Number:

9)

	24	
	20	12
18	16	

Magic Number:

10)

	16	14
20		4
		18

Magic Number:

11)

	16	26
28		
	24	22

Magic Number:

12)

		8
	14	18
20		16

Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 4

Find the magic number.

1)

		32
30		
20	34	24

Magic Number:

2)

	16	30
	24	
	32	22

Magic Number:

3)

12	22	
	14	
	6	16

Magic Number:

4)

10	8	18
	12	
6		

Magic Number:

5)

	18	28
22	26	
	34	

Magic Number:

6)

20		
22		14
12		16

Magic Number:

7)

		18
12	20	28
	24	

Magic Number:

8)

20		28
30		14
	26	

Magic Number:

9)

14		22
	16	
10	20	

Magic Number:

10)

16	12	
6	20	10

Magic Number:

11)

16	6	20
		10
8		

Magic Number:

12)

22		
12	20	
26	16	

Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 5

Find the magic number.

1)

22		14
12	26	16

Magic Number:

2)

24		32
	26	
	30	28

Magic Number:

3)

	22	
		10
16	14	24

Magic Number:

4)

12		8
	14	18
		16

Magic Number:

5)

	24	
	16	
18	8	22

Magic Number:

6)

22	8	
12		
14	24	

Magic Number:

7)

18		26
28		12
14		

Magic Number:

8)

	16	18
12		28
	24	

Magic Number:

9)

22		26
		16
14		18

Magic Number:

10)

24		20
14		
	26	12

Magic Number:

11)

	30	
18	26	34
		24

Magic Number:

12)

		18
	20	16
	12	26

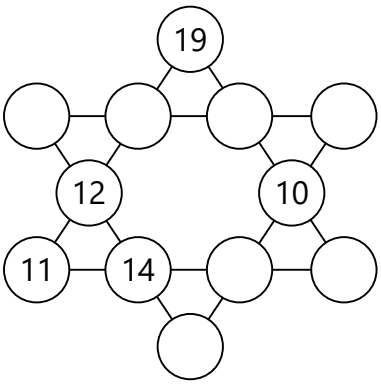
Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 1

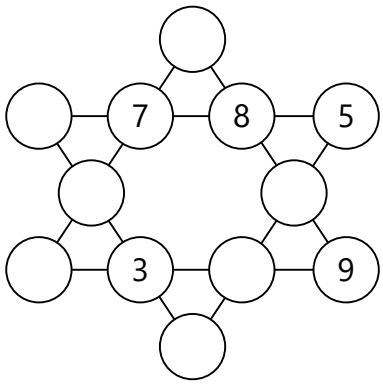
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



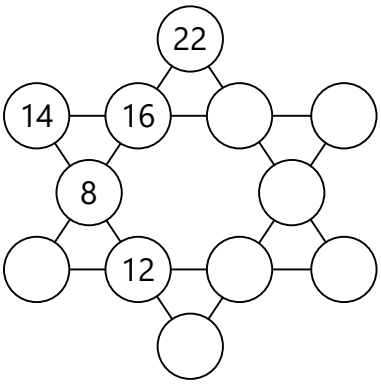
Magic Number:

2)



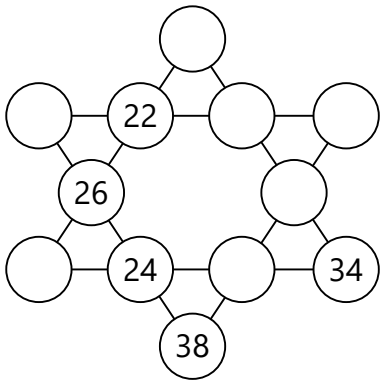
Magic Number:

3)



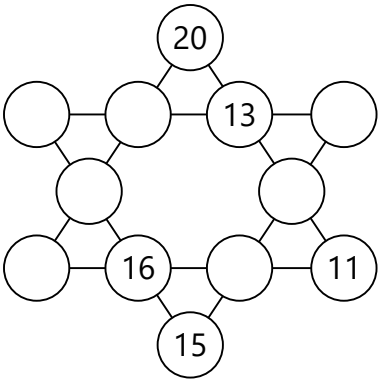
Magic Number:

4)



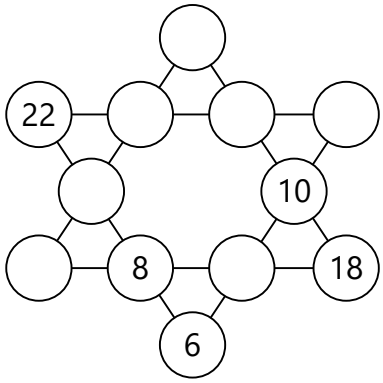
Magic Number:

5)



Magic Number:

6)



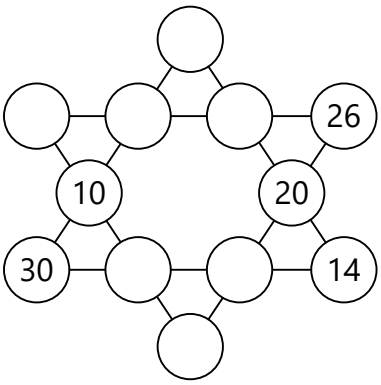
Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 2

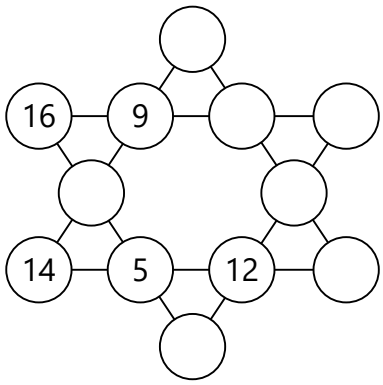
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



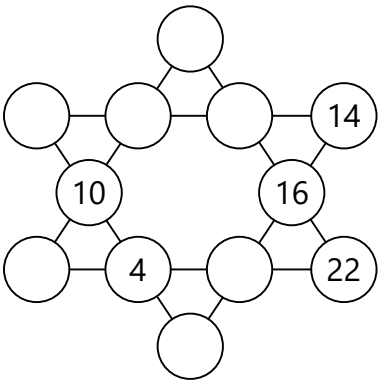
Magic Number:

2)



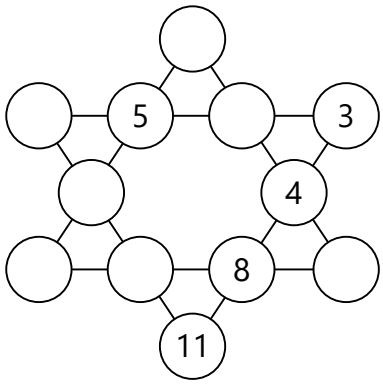
Magic Number:

3)



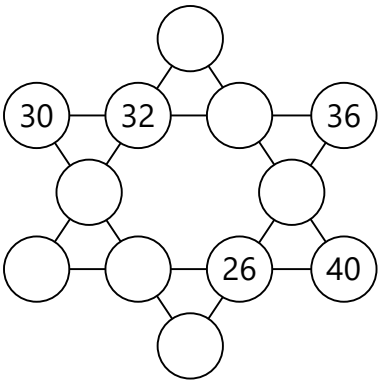
Magic Number:

4)



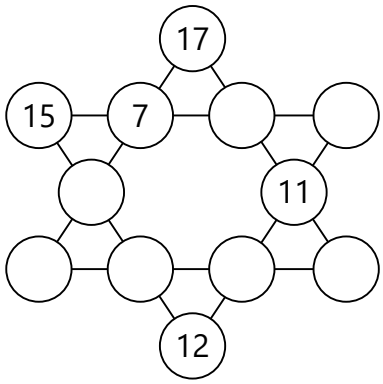
Magic Number:

5)



Magic Number:

6)



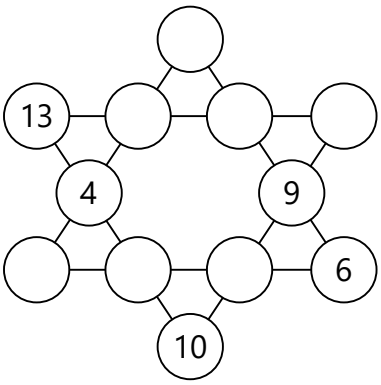
Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 3

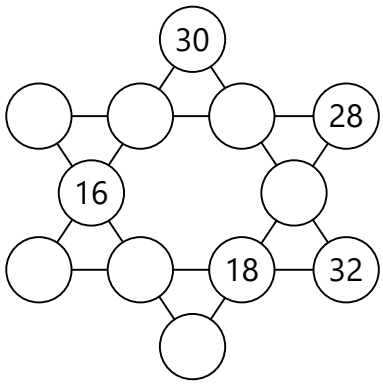
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



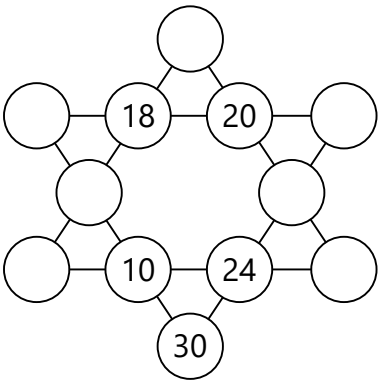
Magic Number:

2)



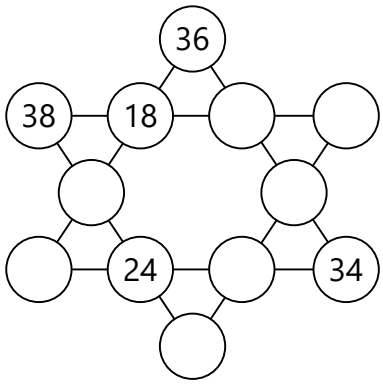
Magic Number:

3)



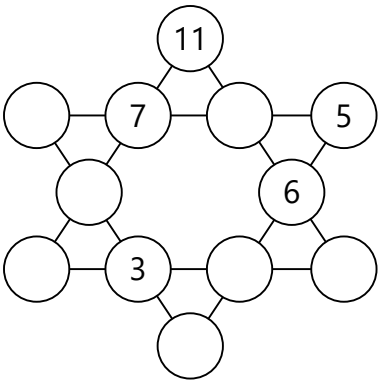
Magic Number:

4)



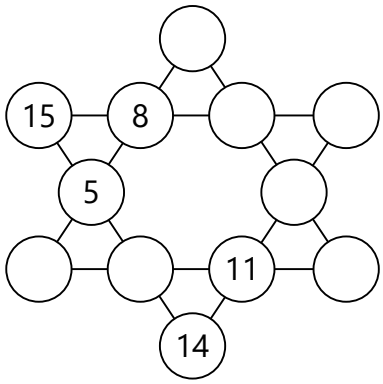
Magic Number:

5)



Magic Number:

6)



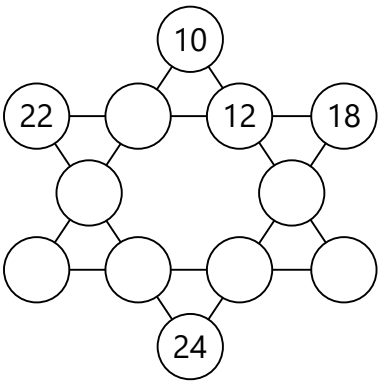
Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 4

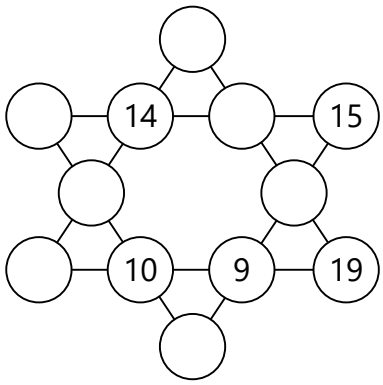
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



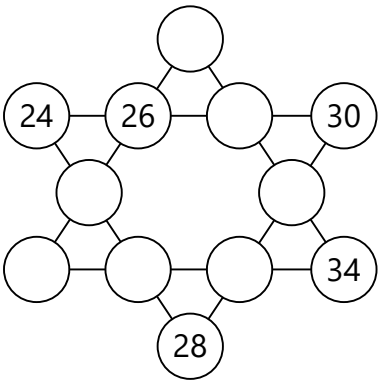
Magic Number:

2)



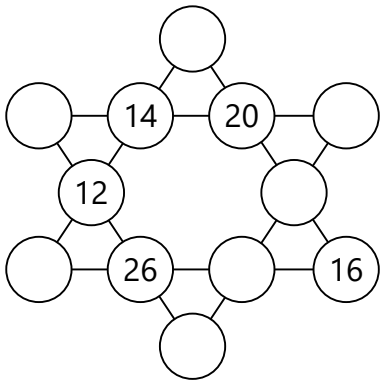
Magic Number:

3)



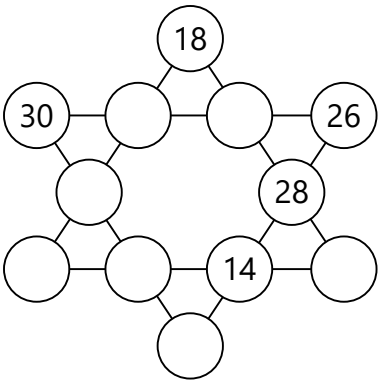
Magic Number:

4)



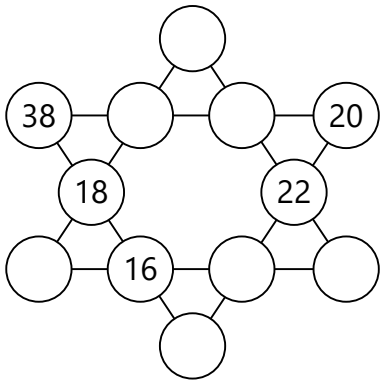
Magic Number:

5)



Magic Number:

6)



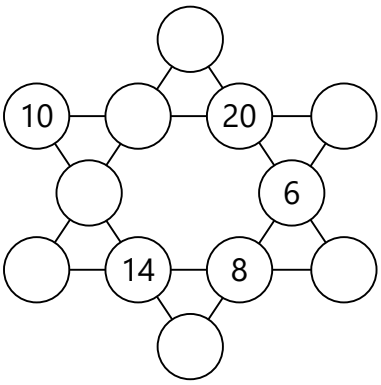
Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 5

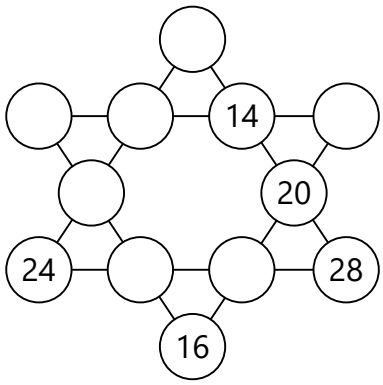
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



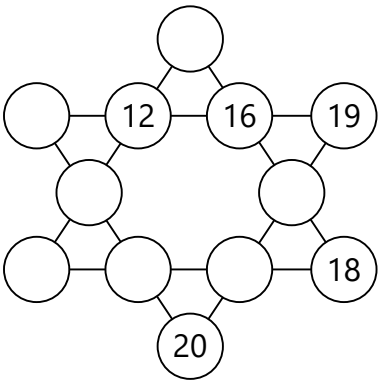
Magic Number:

2)



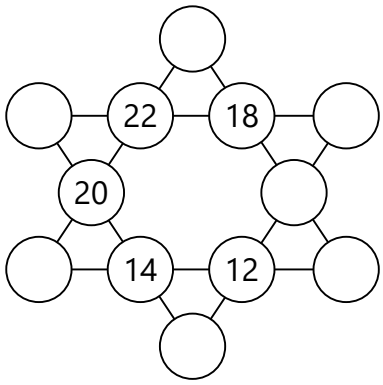
Magic Number:

3)



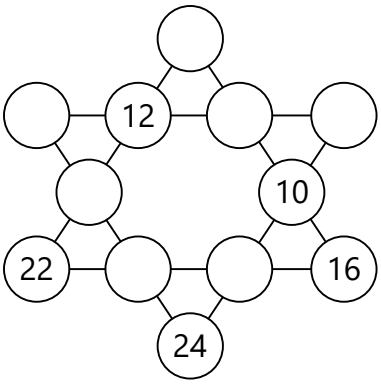
Magic Number:

4)



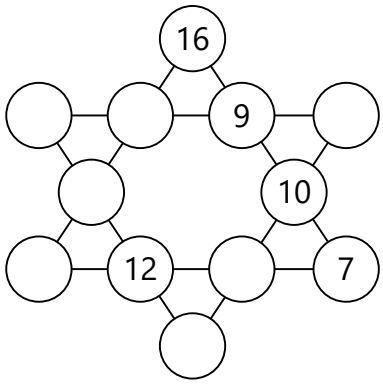
Magic Number:

5)



Magic Number:

6)



Magic Number:

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 1

Solve.

1)

			180
11	2		66
2	12	6	144
			240
110	288	72	528

2)

			900
	11		330
	10		400
9	9	12	972
216	990	600	360

3)

			1,056
	12	11	264
10		12	960
12			1,200
240	960	1,320	160

4)

			108
	5	3	90
	12	12	1,728
	11		396
216	660	432	864

5)

			350
		7	924
	10	11	1,210
5		12	300
660	550	924	1,440

6)

			504
10		6	720
6		2	84
		4	336
720	588	48	280

7)

			396
	8	9	216
		11	440
11		10	990
330	288	990	120

8)

			160
		8	616
	10		500
2	11	2	44
70	1,210	160	140

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 2

Solve.

1)

			432
		6	726
	12	10	360
6		3	180
198	1,320	180	396

2)

			128
2		4	16
9			288
	4	5	80
72	64	80	80

3)

			1,100
10	12		1,320
	10	8	640
		11	1,320
800	1,440	968	1,100

4)

			54
	6		648
6	2		60
3		2	54
216	108	90	48

5)

			660
	5		75
5		2	110
12		9	540
180	275	90	297

6)

			165
12	10	5	600
8			240
11			264
1,056	240	150	108

7)

			108
5		3	75
		7	924
3	6		162
165	360	189	540

8)

			198
	4	11	308
5	6		300
	4		132
105	96	1,210	462

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 3

Solve.

1)

			1,056
3	11		396
	8		1,056
11		5	550
396	880	660	120

2)

			120
	7		280
		10	400
3	12	10	360
120	840	400	1,000

3)

			450
	3	10	210
		8	576
	9	12	540
280	243	960	756

4)

			150
4	6	5	120
7			84
10			330
280	54	220	132

5)

			960
		12	528
9	10	9	810
		11	528
288	660	1,188	440

6)

			1,584
12	2		288
	11		847
12	3		216
1,008	66	792	792

7)

			1,320
2		12	120
	10	12	360
		3	330
66	500	432	60

8)

			605
7	12	11	924
			792
	11	11	605
420	1,452	726	847

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 4

Solve.

1)

			400
3	12	10	360
			128
	12	10	1,200
240	576	400	120

2)

			330
		11	660
6	10		720
	11	5	165
216	550	660	600

3)

			360
6			60
10		9	540
	7	12	1,008
720	84	540	432

4)

			847
			231
	11	11	363
11	6	4	264
363	198	308	484

5)

			1,320
	11	12	1,320
2	10		140
11			264
220	660	336	400

6)

			60
7	10	2	140
12			600
		8	192
504	200	160	280

7)

			440
	11		1,210
10		2	100
	6	9	432
800	330	198	450

8)

			550
	11		990
4	11		308
5		9	540
180	1,452	630	891

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 5

Solve.

1)

			576
	6		288
	12	3	396
4		11	88
176	144	396	528

2)

			150
10	9	5	450
			250
	11	12	396
150	990	300	1,200

3)

			220
12			1,584
9	2	9	162
		10	700
1,080	168	990	240

4)

			1,080
	10		500
2	9	10	180
12			180
120	270	500	225

5)

			72
9			198
12	4		288
	10	9	810
972	440	108	324

6)

			210
12		3	216
	7	4	84
10			140
360	84	84	588

7)

			420
10		10	700
	7	7	539
6			480
660	392	700	700

8)

			1,100
8		10	880
		8	960
	3	2	66
1,056	330	160	160

Name:_____ Class:_____ Date:____/____/_____

Number Patterns

Find the pattern.

1) 34, 36, 38, 40, 42, 44, 46, _____
2) 2, 10, 18, 26, 34, 42, 50, _____
3) 52, 48, 44, 40, 36, 32, 28, _____
4) 89, 80, 71, 62, 53, 44, 35, _____
5) 79, 72, 65, 58, 51, 44, 37, _____
6) 46, 42, 38, 34, 30, 26, 22, _____
7) 56, 52, 48, 44, 40, 36, 32, _____
8) 12, 20, 28, 36, 44, 52, 60, _____
9) 11, 20, 29, 38, 47, 56, 65, _____
10) 69, 65, 61, 57, 53, 49, 45, _____
11) 27, 34, 41, 48, 55, 62, 69, _____
12) 68, 70, 72, 74, 76, 78, 80, _____
13) 3, 10, 17, 24, 31, 38, 45, _____
14) 91, 82, 73, 64, 55, 46, 37, _____
15) 24, 32, 40, 48, 56, 64, 72, _____
16) 4, 9, 14, 19, 24, 29, 34, _____
17) 45, 43, 41, 39, 37, 35, 33, _____
18) 22, 28, 34, 40, 46, 52, 58, _____
19) 82, 78, 74, 70, 66, 62, 58, _____
20) 48, 43, 38, 33, 28, 23, 18, _____
21) 80, 71, 62, 53, 44, 35, 26, _____
22) 36, 39, 42, 45, 48, 51, 54, _____
23) 46, 48, 50, 52, 54, 56, 58, _____
24) 62, 60, 58, 56, 54, 52, 50, _____
25) 21, 30, 39, 48, 57, 66, 75, _____
26) 78, 74, 70, 66, 62, 58, 54, _____
27) 26, 29, 32, 35, 38, 41, 44, _____
28) 98, 90, 82, 74, 66, 58, 50, _____
29) 49, 47, 45, 43, 41, 39, 37, _____
30) 16, 22, 28, 34, 40, 46, 52, _____
31) 17, 23, 29, 35, 41, 47, 53, _____
32) 82, 79, 76, 73, 70, 67, 64, _____
33) 83, 76, 69, 62, 55, 48, 41, _____
34) 2, 9, 16, 23, 30, 37, 44, _____
35) 76, 68, 60, 52, 44, 36, 28, _____
36) 75, 69, 63, 57, 51, 45, 39, _____
37) 24, 30, 36, 42, 48, 54, 60, _____
38) 47, 51, 55, 59, 63, 67, 71, _____

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 1

Find the secret trail.

1)

1	12	16
1	16	11
14	29	17
	+	88

2)

9	25	18
9	16	23
30	3	19
	+	100

3)

22	18	10
4	24	25
1	7	21
	+	33

4)

9	26	25
14	24	2
25	6	12
	+	52

5)

20	24	10
6	19	14
2	13	7
	+	82

6)

11	7	9
16	17	14
30	4	15
	+	89

7)

29	25	21
26	3	16
25	15	19
	+	104

8)

22	19	27
4	13	15
16	20	25
	+	119

9)

1	12	29
20	14	9
28	9	10
	+	47

10)

22	29	28
28	18	26
3	14	4
	+	76

11)

20	18	25
4	30	22
11	5	4
	+	93

12)

28	11	9
5	13	18
26	1	13
	+	95

13)

19	16	5
16	12	23
21	30	16
	+	102

14)

13	3	16
22	21	13
18	25	21
	+	106

15)

29	23	6
9	6	12
21	23	15
	+	126

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 2

Find the secret trail.

1)

23	30	19
11	18	29
23	13	15
	+	96

2)

1	25	8
10	27	1
10	28	9
	+	83

3)

15	25	20
12	20	30
30	23	2
	+	64

4)

8	7	17
5	18	25
16	11	22
	+	71

5)

5	14	3
7	3	29
10	8	22
	+	79

6)

29	30	12
28	30	12
8	24	26
	+	138

7)

14	27	6
25	17	8
26	19	5
	+	85

8)

17	22	15
19	28	22
30	10	10
	+	84

9)

22	25	14
27	4	10
30	5	16
	+	92

10)

27	28	12
12	21	1
7	20	7
	+	87

11)

13	19	12
19	9	23
5	12	9
	+	65

12)

27	7	1
17	24	19
14	10	22
	+	100

13)

9	21	4
2	10	20
11	4	29
	+	75

14)

15	10	3
22	13	3
14	26	18
	+	74

15)

6	19	26
25	7	20
27	26	19
	+	116

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Secret Trails 3

Find the secret trail.

1)

18	21	11
1	13	14
20	7	25
	+	53

2)

29	13	4
2	6	16
18	10	12
	+	72

3)

4	30	14
23	7	13
28	8	21
	+	93

4)

15	2	22
14	11	25
1	20	24
	+	92

5)

23	9	18
11	27	18
7	19	24
	+	107

6)

16	12	17
2	9	27
22	21	21
	+	69

7)

15	29	17
20	6	17
8	5	12
	+	51

8)

23	26	24
13	1	7
15	11	18
	+	110

9)

9	30	12
4	24	24
22	29	5
	+	101

10)

11	2	8
17	7	21
19	5	2
	+	71

11)

13	11	3
28	24	3
4	23	12
	+	80

12)

17	18	6
27	29	24
14	20	19
	+	99

13)

15	17	6
9	13	16
6	9	18
	+	79

14)

17	27	20
27	4	28
28	14	10
	+	120

15)

20	30	17
4	24	23
27	12	18
	+	112

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Secret Trails 4

Find the secret trail.

1)

23	22	9
21	25	23
18	3	9
	+	141

2)

7	10	14
15	14	19
20	28	30
	+	87

3)

28	29	17
11	29	16
14	27	5
	+	106

4)

28	27	26
15	30	29
30	23	17
	+	140

5)

14	5	27
20	27	20
10	5	21
	+	103

6)

30	27	5
26	23	24
6	29	23
	+	131

7)

9	22	28
20	29	11
15	30	15
	+	125

8)

20	28	12
27	4	24
3	28	14
	+	121

9)

7	10	7
13	20	1
23	30	22
	+	102

10)

24	1	30
8	25	23
7	7	21
	+	68

11)

6	11	20
6	4	3
16	8	22
	+	51

12)

21	8	15
15	3	29
15	16	1
	+	86

13)

19	15	8
9	21	19
28	4	3
	+	94

14)

17	27	8
28	4	26
21	1	9
	+	58

15)

8	22	7
23	28	21
3	11	16
	+	96

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Secret Trails 5

Find the secret trail.

1)

23	4	21
28	1	3
11	15	24
	+	78

2)

15	14	12
26	10	8
8	10	29
	+	112

3)

7	27	1
14	23	14
20	17	17
	+	125

4)

20	3	17
30	19	6
7	10	7
	+	89

5)

26	8	11
3	5	5
29	25	12
	+	45

6)

26	4	8
6	12	27
4	8	5
	+	74

7)

14	25	29
10	20	13
28	13	8
	+	92

8)

2	28	3
2	14	30
16	28	9
	+	55

9)

15	25	6
9	20	17
25	11	18
	+	64

10)

2	29	5
20	14	1
9	2	14
	+	49

11)

8	17	18
7	7	28
1	7	23
	+	65

12)

11	7	30
17	3	19
20	20	20
	+	99

13)

21	15	14
17	11	28
8	29	2
	+	59

14)

16	18	18
6	12	26
30	18	17
	+	101

15)

12	20	12
11	5	21
22	3	5
	+	53

Name:_____ Class:_____ Date:____/____/_____

Sudoku 1 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

4	8			1	3			
1			2	9		4		
5		6		4	8	3	2	1
3		1	8	5		2	7	9
		4	1	2	9	8	3	6
9	2		6		7		4	5
	1		3	8		6		4
6		9		7	1	5	8	
	4	5			2	7		3

2)

1	4		7			3	5	8
3			1	9	8	6		4
	6		4		5	9	2	1
	9	7		8	6		1	3
2		3		1	4	7	6	9
4		6		7		2	8	
6	5	1	3	4		8	9	2
	7		8		1	5		6
	3			5	9	1	4	7

3)

5	2	7	9	1			6	
	1	6	5				3	
3	9	4	7	6		5	2	1
6	4	2		7	5		8	
7	3	8	6		9		5	2
9	5		3	8	2	7	4	6
1	6	3	2		7	8		4
	7	9		3	6	2		5
	8	5	4	9			7	3

4)

7	9	6	2	5		4	3	1
5	4	2	7			6	8	
1	8				9	2		5
		5	3	9	7	1		8
3	1	8	6	4			2	
4		9		8	2			6
9		7		3	1	8		4
	5	4	9	2				
6	3	1	8	7	4	5	9	2

5)

7	4	9	5	8		2		
6	2	8	3		7	5		
1		3	2	6		8		
	7	2			4	1	3	
4		6	8	1		7	2	5
8	3		7	2	5	6	4	9
		5				9	1	
2	1	7	9	3	8		5	6
	6		1		2			7

6)

3	2	4		8		6	7	5
6	7	5		2	4			
8	1	9	7	5		3	2	
9			2	4		1		
1	4		8	6	3		9	7
5	6	8	9	1	7		3	2
		1		7	8	2	6	
7	5	3	6	9	2		4	
2	8					7	5	9

Name:_____ Class:_____ Date:____/____/_____

Sudoku 2 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1	6	3	8	7	5	2	4	
8	7		6	9		1	5	3
		9		3		8	7	6
	3		5	6	7	9		
9	5	6	2	8	4		3	
7	4	8		1	3	5		2
3	8	7	1			6	2	5
6		5	3	2		4		
4	1		7	5	6			8

2)

5		9	6	4	8		1	2
8			5		7	6		
2				9		8		
	8		9	7				
6	5						2	7
7	9	2	1		6		8	4
9	2	6	8	3	5	4	7	1
3	4				9	2	6	8
	7	8	2	6	4		9	3

3)

	3	1	4		2		9	
	5		6			3	4	8
8	4		9	5	3	1	2	7
4	8	2		3	9		5	6
9	1			6	7	4	8	2
	7	5						1
	6	7		4	8		1	
1	2	4			5		6	3
3	9	8	2		6	5		4

4)

6	1	8	3	5	9	7	2	
2	4	9	1	7		3	6	
5					6			8
1	6	2	9	8	4	5	3	
4	3		7	6	1	2		9
8		7	2	3	5		1	6
3	8	1	5		7	6		2
9		4			2		7	3
7	2	6	8					1

5)

3	1				5	2	6	
2	7	9		4	6		3	5
6	8	5		2	3	9		4
4			8	6	2	7	5	
5	2	8	4	3	7		9	6
7	6	3	5		1	4	2	8
1	4	7	6	5		3	8	
	5			1			7	
	3		2	7	8	5	4	1

6)

		7	4	9		8		
	4		8	3	6	1		2
		3	7	2	1		9	5
2	9			7	3		4	1
6	5	1		4		3		7
			1	5	8	9		6
	8			1		6		9
	3		5		4	7		8
7	1	6	3	8	9	2		4

Name:_____ Class:_____ Date:____/____/_____

Sudoku 3 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

	3	8		4		9	1	
	5		9	3		6		8
	9	2		7	8	5	4	3
4	6			5		8		
3	8	1	7		6	2		
	2	5	1	8	4	7	3	
		9			3	4	6	
	1	6	4	2	7	3	8	9
		3	5		9	1		2

2)

3		7	5	2		9	8	4
9	2	4		8		7	1	
1	5	8		9		6	2	3
8	1		6		5	2	4	7
	4	5		7	9			
6	7		8		2	5	9	1
		2	7	6	8	1	5	
5		6	2	1		3	7	8
7	8	1			3	4	6	2

3)

9		4	6	7	8	1		5
	5		2	4	1	8	9	6
						7	4	2
7		8	4		2			1
	1				5	9	2	4
	4			1	9			
	7	5	8	3	6	2	1	
	3		9	2	4		7	8
	8	9	1		7		6	3

4)

9	3	8	2	1			5	7
	1	2	6	5	9		4	
6	5	4	3		8	1		
1		5	4	8		7	9	3
		3	1	2	7	5		6
8	6		9	3		2		4
3		9	5		1			2
5	7			9	2	4	3	1
	8			4				5

5)

6	2	4	3	9	5	7	8	
9	3		4	1	8	5	2	6
			7	6		3	4	9
	8	2	1	7	9	6	5	
	9	1		3	6	4		2
	6		2	5			9	
1	4			2	7	8	3	5
			5	8	1		6	4
		8			3	9	1	7

6)

6	8			1	7	5		
	7	4			2	1		
2		1	6	3	5			4
7	6	9	2	4				5
4	5	8		7		2	6	9
3			9	5	6			7
9	2	5		6	1	7	4	8
8	3	6	7	2	4		5	1
	4	7					2	3

Name:_____ Class:_____ Date:____/____/_____

Sudoku 4 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1		5	3		6			9
9		6	4					2
8				7	9	1	4	6
	9	8	7		3	6		
	3		9	6		4		7
7	6	4	1	5	8	9		
6	5	2		3	4	7	9	
3	8	9		1	7	5	6	
4	1				5	2		8

2)

		5	9	3	4			1
		4		5	7	9	2	
3	9	7		1		8	5	4
			3	9		5		2
2	1			6	5	7		
	4	9		7	8	3		6
		2	5		6		8	
	8			2	3	4	6	5
4		6	1		9	2	3	7

3)

	1		3	5		4	8	9
	7	4						6
	5	8	6	9	4	7		2
	4	9	5				2	3
5	8	3				9	6	
1		6	9	8	3	5	4	7
4		1	8	7	9	2	3	5
2	9	5	4	3	1	6	7	
8	3		2	6				4

4)

5			9	2	6	7	1	8
8	1	9	3	5	7			4
6		7		8		5	9	
9		5	8	3	4	1		7
	3	2	7	1	5	9	8	
1					2	3	4	5
	9	1		6		4	3	2
	8		1		3	6		9
3	5		2					1

5)

2		4	3	8	9	7		6
9	1	7		4		8	5	3
8	6	3	5	7		2		
3		9		5	2		8	1
4				1			3	7
5	8	1		6	3	4		9
	3	2	6	9	5	1	4	
6	9	8	1	2	4			5
1			8		7		6	2

6)

2	9			7	1			
6	3	1	2			4		
5		7	9	3	4	2	6	1
	6	2	7				4	
4	1	5	3	6	8		9	2
3	7	9	5		2	1	8	
9	2	3	8			6	1	4
7	4			2	6		3	5
1	5			9	3	8	2	7

Name:_____ Class:_____ Date:____/____/_____

Sudoku 5 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

2		1	8	3	6	9	7	4
9	4	3	2	5	7	6		
7		8		4	1	5	3	2
	7	9	4	2			6	3
		4	7	6	9			5
	2	5		8	3	7		9
3		2		9			5	
		6	3		4	1	2	
4			5		2		9	6

2)

3			9	6	8	4		2
	5				3		7	9
2	6	9	5			1	3	
	8	6		3	9			
5		7		1	4	2	9	6
	4	2		5	6	8		
			3	9	1	7		4
7		3		8	2		6	5
		8	6	7		3	2	1

3)

	7	5	4	2		6	3	9
6			5		1	8		4
4	2	8		6	9		7	
	6	1	9	8	7	4		2
	5		6	1	4		9	8
9	8	4	2				1	
2	3				6	5	8	
5				3				
8	4		1	9	5	2	6	3

4)

3	9			4				1
2	4			1		5	3	7
6	7	1	5		3	9		2
		7	9		8	4	1	
	8		7	5	1	2	6	9
9	1	6	4	3	2			
1	3	2	8		6	7	5	
	6	4	3				9	
8	5	9	1					6

5)

3	1	2			5	9	8	7
9	8	5		7		4	6	
		7	8	1	9	5		2
1	2	6	9	5	7			8
5	3	8		4	1	2	7	9
7		4	3	8		6	1	5
	7		5	3	6	8	9	4
	5				4	7	2	6
	4	9			8		5	3

6)

4		5					3	7
2	3	7	4		5		1	9
8	9	1	3		7	5		6
					6		9	5
5	1	6	9	7		4	2	8
7		9	8	5		1	6	
9		3	7	4	1			2
	8	4		9	2	3		1
1	7	2	6	3	8		5	4

Name:_____ Class:_____ Date:____/____/_____

Sudoku 6 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

			4	9	8	5		
9	4		3		1	8		
	1	8	7	2	6	9	3	
7			5			3		
4			2				9	
6	9		8			1	2	5
2	3	6						7
1	5	9			4	2	8	
8	7		1					9

2)

7		5		1			9	6
			7			1	8	2
2		8				7	3	5
9	7				5		1	
3	6	1	9	7	8			4
		2	1	6	4			3
8	9		5		7	3		
	2	3	6	4	9			7
	5	7		8		2	6	9

3)

						2		8
5			3		6	1	7	
7	9		8	2		5		
		2	6	5				
3	6		9		8		2	
		9	7			3		
	5			8	7	6	4	
		1						3
			1	3		9	8	2

4)

		4	8			2		3
9		8	3	1		5	6	
3	1	2					9	8
	6		4			8		
7				5	6	9		1
		1				3		
					3	1	5	7
		7	5			6		9
			1		7		3	2

5)

6	1	2	3		9	8		5
7				5		2		
8		4	6	1		3		
5		8	1	6	7	9	2	4
1		9	2	8	5	7	6	
	6	7						8
3	8					4		2
9	7	6		2	8	5		1
			7				8	9

6)

	7	9		4				
				9	7	6		
6	4					8	7	9
7	5	1	3		6	9	8	4
		4		8	9		2	5
9	2			5	1	3	6	7
		7	9	3	4	2		
5		6		7	2		9	
4	9		5	6				1

Name:_____ Class:_____ Date:____/____/_____

Sudoku 7 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

9		7	6		3		2	1
3		8			1	4		7
	1	2	7	4	8		9	3
		1	9	3	2		5	4
	2			7	6	3		8
			8				7	
	6				7			9
1		4	3		9	2		5
2	9	3	1		5		4	6

2)

7	2	6	8			4	5	3
	3	4		6	2	7	9	8
9		8	4	7	3	2	1	
4		5	7		8	3		1
	8	1		4	6	5	2	
							4	
		9	2			1		
2	1			8		9		
5	4		3	1		6		2

3)

	9		4		5	7	1	2
4	7						6	
	2	6	9			3	5	
8	5		1	3			9	7
9		3	8	7	2		4	
	4			5			3	8
5	3	4	7	1			2	
2	1		5	9	6	4		3
			2	4				1

4)

9						5		
		5	9		7			
6	7	1			5	3		
5	9		8	1	4		3	6
					9	4	8	
	1	4	6		3	2		5
			7		8	6		2
	6		3	5	2		7	
			4	6	1	9	5	3

5)

4		6		7				
1	8	7			2			3
3	2	9	4	8	6		1	
7	3	2		1	4	9		
6	4		7	5		1		
5			2					
	1					4		
9	6		8	4	7	3		
		4			3	8	5	9

6)

6	1	3			5	9	8	
2				3	8	7		
		8	1		9			4
			8		4		7	5
	7	5	3		6		2	8
4			5					
		1		8			9	7
	4		9			5	1	
9			2	5		8		6

Name:_____ Class:_____ Date:____/____/_____

Sudoku 8 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

3	4		7			6	2	
2	5		8	4	3			
	1			2				3
4						1		
	6		4			3		
9		2	6	7			5	
	9			8	7		4	
	2			9	4			8
8				6	5	2		9

2)

		3	1	5	9	7		2
7		8					9	5
5							1	6
	5				8			
				4			5	
	8		3			6		4
		5			6	9	2	1
		2	9	8			6	
		6	5	2	1			3

3)

2	6							
3				2	1	7	8	
		7	6		4	2		1
5	3				7		1	4
	7	6			3	5	9	
1	2							3
7	1		4		2			8
		2	7	1	8	3	4	
	5	8		6	9			7

4)

			3		5			
	5	8	2	9		4		
3				4	8			5
				3		2	5	
6	9	3					1	4
		2	6	8	1	3		
	3				9		2	
			4	1				8
	6			2	7	1		3

5)

	5				6	2		
	6	4						3
		9		8		6	7	
7	3	5	4	6	8	9	1	2
6		2			9	7	3	4
9	4	1	7	2	3	8	5	
2	7	3		4				
4		6	8		7	3		5
5			9					7

6)

7	3				5	6	9	
	4	9		6	7	5	8	
1	6			8		4		
6	8		4	2	1			9
5		4	8	9		2	1	6
9			7	5	6		4	3
	9	6		3	2	1		
	2						6	
3		1	6		4		2	8

Name:_____ Class:_____ Date:____/____/_____

Sudoku 9 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

6	1	5		9		3	7	2
4		7			2	5		
8				7		6	4	
5	7		4	3			1	
			5	1				8
1	4		9			7		
9			7	8	3	1		4
	6	1	2	4		8		5
3			6	5	1			7

2)

		4			7		6	9
6			1	8			5	
2			6	5	9	3	8	
					3	8	2	
5		9	7		2	4		
3			5	4				
7	4		8		1	2		
		2	4				7	
					6		4	1

3)

3	8		1	7	5			
7	6				2	8	9	1
								7
6		7	5		4	9		
4	1			9			8	
		8			3		7	
5	7		3	2		1		8
8			7	5	1	6	2	3
	2	3		4			5	9

4)

				3		4	1	2
3	1				4	5	6	9
		2	1	9	6			
	4	9			8	3	5	
7			4					
			9		3		4	7
5	3	1	6		9		2	4
9	7			5			8	1
2	6		7	4				5

5)

		7				5	8	1
8		1	7		3	9		4
4		2	8	1	5	6		
			6	3			9	8
						2		5
7	4				9			6
				2			6	3
2			3	8	7			
3	8			9				2

6)

3		4	9	7				6
5		9			1			4
6	1		2	4		7		3
1		3	6	2		9	4	5
4		2		1			6	7
	6		5					
7	3				6	5	8	
2		5		8		6		9
	9	6	7	5	2	4		1

Name:_____ Class:_____ Date:____/____/_____

Sudoku 10 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

	7	3	8	9		1	6	2
9		6	2			7		5
		5						9
							7	4
	4	7	3			5	9	6
5	3	9		7		2		8
6	5	8	7		2	9		
	2		9	8	1	6		3
3	9	1		5	4	8		7

2)

		4	1		6			
6	2	1	3	9	8		5	4
8	9			7	4		6	1
7		8	9			3		5
	3	5	8	6	7	1		
			2					8
3			4			8	9	
	1	6			9	5	3	2
			6		5	4	1	7

3)

	4						6	
	9	6	5	1		7	8	
	2		6	3	9			4
					7	2		8
2		1		6	5	4	3	
			3	2		1		6
4		9		5		8		3
5		2		7	6	9		1
		7		9		6	2	5

4)

	2		5		7			1
	7	1			2		4	
3		4		1		2		8
7	3		4			1	2	
	6				3	8	5	9
	1	5	6			4	3	
		7	3			9		
1	9	3	2		5	7	8	
			7					3

5)

8			7	2		5	6	9
2		5	9	4			3	
3		7		6		4	2	8
1	7			9				
6			3	5	1	2		4
			8	7	6			
	3	6		1	4			
			6		7			5
7	4		5	3	9	6	1	2

6)

8	7			9	3		2	1
	1		7	2	8	4	3	5
	5			6	4	7	8	
						3	7	8
		3					6	4
6			3				1	2
	6	5		3				7
		8		1		2		3
	3	1	9	7	5		4	6

Name:_____ Class:_____ Date:____/____/_____

Sudoku 11 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

				1				
4				3				1
6			9			2		
			5		4			6
	6		7		1	3		
	5	1	8				7	2
		7		5		6		3
5					8		2	
1		9	6				8	5

2)

2				5	8	6		
1			4	6	3		7	2
5	3							
7				1				4
	2		5			7		1
		3		7	4		8	5
	5							
8			2	4		9		
	9					1	4	7

3)

			7		4		3	
			6					
		2		9			1	
2		1						
	3			2	9	4		
5		4					9	8
	2		9			1		7
6	5			8		9		
1	7			4		6	8	3

4)

	6		2			3		
	8			7	3		5	2
3			8		9		7	
6				9	7			3
		1			4			
		4	3	8	6			
	4	3		1		7		6
9					8	1		
	1				2			5

5)

			8	1		7		
		1	6	2	3	4		
	3	8			4			
3							8	2
		4					7	6
	8		2	7	1	3		9
	1				5		3	4
					2			
	9		1	8		6		5

6)

2			1			4		3
		3		7		8	6	
	4		6	3	2	5		
		5	3					
				6	8		2	
4		7						8
			8	2		9	1	
			7		1			4
1		9				2		7

Name:_____ Class:_____ Date:____/____/_____

Sudoku 12 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1			4		8	2	9	7
7		6						
				7		5		
			8				1	
5	6	1	7	9	2		4	8
9		4	3					2
	5							
6	4				7			
						6	8	9

2)

					3			2
			7	4				6
1		7	6		2			3
5								9
7		6	3	5				
2		3					8	5
8							6	7
6				1	7	3	2	
3					8		1	4

3)

2				5				
			1	3		6	9	2
9	3	4				7		
			5	4				8
	4	8			3		1	9
			6		1			7
4		2					7	
						2		5
3		5		1	2			6

4)

4	1	9			6	8		
	5			8	1	6		
6				4			1	
			7				6	
	7				8	9		
	8			6			5	7
							9	2
9			5		3	4	8	
					2	5		1

5)

				9				
2			1			4		9
8			7	2	5			
9				5			2	4
	5		6	8		7		1
3	1					5	9	
7			9		8	3		
				4		9		
	4			1				6

6)

	9			8	7			
8			5	6			7	4
7	4					3		
				5	4	7	1	
5		7			9		3	
	6						9	
4					2			
6		3			5	2		
				4	6	8	5	9

Name:_____ Class:_____ Date:____/____/_____

Sudoku 13 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

			3					6
8					6			
2						3		9
	5	8	2	4	1			
						5	8	
9		6			5		1	7
			6	5				
3		7		1			2	
6			9	7	2	4		1

2)

		3			9	2		7
9				3	6			8
	5	6		7			4	3
		2						
		5		6			3	
			9			5		
2		1	6	9	4		8	
			8	2	3			1
		9	5					6

3)

7	3	8	5				2	
	6	1						4
9					3			
5		6	9			8		7
			6		8			2
8		2	7	3		6		
	1	5			2			3
		9			6		1	
						4		8

4)

			2	6	1	5	3	
	3						9	
4				3				
9	4	5		8	3	7		
				2		8		
3				5	7			6
	9					4		
7	8	6	5				1	
	5		3					8

5)

		6		9				
2		5	1				3	
	1	3			2		9	4
		8		2				9
	6	4	5					7
9	7				3	5		
4				7	1			3
3		1		4	8			
								1

6)

1	3	4				6		
5							2	
			7		1	3	5	4
		2		7				3
	4		5		2	7	1	
8	7				3		4	
		6	4					
7							3	8
					7	5		1

Name:_____ Class:_____ Date:____/____/_____

Sudoku 14 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

	7	8	1					4
	3		6		2			
	4		7	3			6	1
	2						3	5
9				2		8		6
		6						
7	1		3			6		8
8	9							
	6	3		1	5		7	9

2)

			6				8	
		6	7					2
5		1		2			7	
			4					9
9					8	2		
2		5			3	7		
6	2	8		5	7	1		4
	1	9				6		
		3	9					7

3)

6				3	1			
	5			8	7	2		
	2	8			5			
2	3		9				5	
	4			1		7		
5			7				9	2
3	1						2	5
	7			2		4		8
4			3					1

4)

2		8	6					
		1			5		3	
			4	7	1	9	2	
			1	5	7	4		
5			3		6		8	
	1		8			5		
	2					8		
6			9		8			
	8	9	7			1		6

5)

1		4			3	2		
				2			8	4
	7			1		5		
5						7		
9				3		4	5	
	6	3		4			1	
7	5				9			1
	3		8					
6			3		4		7	9

6)

1	9						8	2
	5					4		1
8	2			6	1		5	
7		5						
9			6		4			3
			2					6
				8	3	2		9
3		6	1	9		7		5
					6		3	8

Name:_____ Class:_____ Date:____/____/_____

Sudoku 15 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

			6				4	5
						6		
3	8		4		7			9
9	5		8		1			
4		2	3		9	8		
8	6			7		9	1	
				1	5			6
7						4	9	
	9			3				2

2)

	5		8	2				
8		2			4			5
	9							3
		9				5		2
2	4		1	5	7			
1			2	8	9		7	4
		8				1		6
4							3	
	6			1		2	4	7

3)

	9	1						
3	2		8				9	1
	8	7	5	1	9			
1				2	5			
	4	2			1			
		5	6		8			4
				4			6	3
2							5	
	6	3		5		4		8

4)

	7		1			2		
8			6		2			4
				5		8	7	6
	1			6	5	7		9
						3	8	5
2								
6				4		1	3	2
5				2				
	2	1	3	8				7

5)

		1	5		8	6		
	5	8		9	6		7	
9	7		2				3	
6	8						1	
	2	5				8		
3		7			4			5
		9					5	
7				8		9		
		2	9	6	3			4

6)

9		7	8					3
	3				5	6		
6	5		7				2	9
	4				1			5
7				5		4	3	
	2	5	4		8	7		
1					4	9		
			1				6	
	7							2

Name:_____ Class:_____ Date:____/____/_____

Percent and Decimals

Convert to decimals.

1) $33\frac{2}{4}\%$ = _____
2) $61\frac{3}{5}\%$ = _____
3) 71% = _____
4) $59\frac{1}{2}\%$ = _____
5) 35% = _____
6) $80\frac{2}{4}\%$ = _____
7) $26\frac{1}{5}\%$ = _____
8) $73\frac{1}{2}\%$ = _____
9) $74\frac{1}{10}\%$ = _____
10) 93% = _____
11) $39\frac{1}{4}\%$ = _____
12) $39\frac{7}{10}\%$ = _____
13) $46\frac{1}{2}\%$ = _____
14) $54\frac{2}{5}\%$ = _____
15) 23% = _____
16) $9\frac{3}{10}\%$ = _____
17) $2\frac{3}{4}\%$ = _____
18) $10\frac{2}{5}\%$ = _____
19) $3\frac{1}{2}\%$ = _____
20) $24\frac{2}{4}\%$ = _____
21) $68\frac{1}{2}\%$ = _____
22) $91\frac{8}{10}\%$ = _____
23) 16% = _____
24) $25\frac{1}{5}\%$ = _____
25) $35\frac{1}{2}\%$ = _____
26) 40% = _____
27) $52\frac{3}{5}\%$ = _____
28) $59\frac{2}{4}\%$ = _____
29) $17\frac{8}{10}\%$ = _____
30) $72\frac{2}{4}\%$ = _____
31) $31\frac{8}{10}\%$ = _____
32) 64% = _____
33) $8\frac{1}{2}\%$ = _____
34) $48\frac{3}{5}\%$ = _____
35) $97\frac{2}{5}\%$ = _____
36) $100\frac{1}{2}\%$ = _____
37) $84\frac{1}{4}\%$ = _____
38) $46\frac{7}{10}\%$ = _____
39) 31% = _____
40) $41\frac{9}{10}\%$ = _____
41) 49% = _____
42) $22\frac{1}{2}\%$ = _____
43) $51\frac{1}{4}\%$ = _____
44) $40\frac{3}{5}\%$ = _____
45) $90\frac{3}{5}\%$ = _____
46) $45\frac{1}{2}\%$ = _____
47) $56\frac{2}{4}\%$ = _____
48) $71\frac{6}{10}\%$ = _____
49) $63\frac{1}{2}\%$ = _____
50) $39\frac{2}{10}\%$ = _____
51) 92% = _____
52) $25\frac{3}{4}\%$ = _____
53) $8\frac{3}{10}\%$ = _____
54) 7% = _____
55) $87\frac{1}{2}\%$ = _____
56) $6\frac{2}{5}\%$ = _____
57) 39% = _____
58) $50\frac{3}{10}\%$ = _____
59) $80\frac{1}{2}\%$ = _____
60) $24\frac{2}{5}\%$ = _____

Name:_____ Class:_____ Date:____/____/_____

Percent and Decimals

Convert to percentages.

1) 0.518 = _____
2) 0.064 = _____
3) 0.785 = _____
4) 0.202 = _____
5) 0.545 = _____
6) 0.41 = _____
7) 0.518 = _____
8) 0.272 = _____
9) 0.842 = _____
10) 0.595 = _____
11) 0.48 = _____
12) 0.566 = _____
13) 0.65 = _____
14) 0.505 = _____
15) 0.842 = _____
16) 0.352 = _____
17) 0.73 = _____
18) 0.565 = _____
19) 0.126 = _____
20) 0.338 = _____
21) 0.158 = _____
22) 0.735 = _____
23) 0.766 = _____
24) 0.468 = _____
25) 0.27 = _____
26) 1.004 = _____
27) 0.672 = _____
28) 0.225 = _____
29) 0.775 = _____
30) 0.91 = _____
31) 0.124 = _____
32) 0.922 = _____
33) 0.994 = _____
34) 0.94 = _____
35) 0.205 = _____
36) 0.695 = _____
37) 0.642 = _____
38) 0.395 = _____
39) 0.155 = _____
40) 0.1 = _____
41) 0.766 = _____
42) 0.862 = _____
43) 0.136 = _____
44) 0.245 = _____
45) 0.5 = _____
46) 0.552 = _____
47) 0.962 = _____
48) 0.803 = _____
49) 0.22 = _____
50) 0.555 = _____
51) 0.988 = _____
52) 0.365 = _____
53) 0.562 = _____
54) 0.788 = _____
55) 0.638 = _____
56) 0.962 = _____
57) 0.068 = _____
58) 0.57 = _____
59) 0.015 = _____
60) 0.05 = _____

Name:_____ Class:_____ Date:____/____/_____

Percent and Decimals

Convert to percentages or decimals.

1) 0.055 = _____
2) 0.32 = _____
3) $4\frac{2}{4}\%$ = _____
4) 0.884 = _____
5) $5\frac{4}{10}\%$ = _____
6) 0.62 = _____
7) $16\frac{2}{4}\%$ = _____
8) 0.948 = _____
9) 0.685 = _____
10) 0.575 = _____
11) 0.406 = _____
12) $30\frac{3}{4}\%$ = _____
13) 0.36 = _____
14) 0.786 = _____
15) $53\frac{3}{5}\%$ = _____
16) $40\frac{1}{4}\%$ = _____
17) 0.19 = _____
18) 0.515 = _____
19) 1.002 = _____
20) 0.678 = _____
21) $30\frac{5}{10}\%$ = _____
22) 0.61 = _____
23) 0.528 = _____
24) 16% = _____
25) $67\frac{1}{2}\%$ = _____
26) $92\frac{1}{4}\%$ = _____
27) 0.489 = _____
28) $21\frac{2}{5}\%$ = _____
29) 0.615 = _____
30) $75\frac{1}{5}\%$ = _____
31) 0.01 = _____
32) 0.544 = _____
33) $10\frac{1}{4}\%$ = _____
34) 100% = _____
35) 0.952 = _____
36) $12\frac{2}{4}\%$ = _____
37) 0.385 = _____
38) $34\frac{1}{5}\%$ = _____
39) $50\frac{3}{5}\%$ = _____
40) 0.908 = _____
41) 0.02 = _____
42) 0.799 = _____
43) $20\frac{1}{2}\%$ = _____
44) 35% = _____
45) $93\frac{1}{4}\%$ = _____
46) $98\frac{1}{5}\%$ = _____
47) 0.194 = _____
48) 0.432 = _____
49) $50\frac{1}{2}\%$ = _____
50) 41% = _____
51) 0.212 = _____
52) $57\frac{3}{4}\%$ = _____
53) $5\frac{2}{5}\%$ = _____
54) $90\frac{2}{10}\%$ = _____
55) $79\frac{1}{2}\%$ = _____
56) $40\frac{5}{10}\%$ = _____
57) 0.496 = _____
58) 0.645 = _____
59) 0.24 = _____
60) $81\frac{2}{4}\%$ = _____

Name:_____ Class:_____ Date:____/____/_____

Percent - Advanced

Calculate the given percent of each value. 2 decimal places.

1) 48% of 2 = _____
2) 31% of 31 = _____
3) 87% of 7 = _____
4) 55% of 131 = _____
5) 49% of 3 = _____
6) 96% of 71 = _____
7) 83% of 762 = _____
8) 22% of 575 = _____
9) 47% of 635 = _____
10) 75% of 294 = _____
11) 95% of 183 = _____
12) 13% of 3 = _____
13) 18% of 8 = _____
14) 84% of 4 = _____
15) 84% of 655 = _____
16) 63% of 3 = _____
17) 22% of 16 = _____
18) 66% of 5 = _____
19) 99% of 76 = _____
20) 40% of 89 = _____
21) 92% of 4 = _____
22) 17% of 401 = _____
23) 84% of 7 = _____
24) 32% of 2 = _____
25) 38% of 6 = _____
26) 16% of 84 = _____
27) 89% of 3 = _____
28) 72% of 6 = _____
29) 86% of 5 = _____
30) 93% of 50 = _____
31) 52% of 58 = _____
32) 77% of 5 = _____
33) 48% of 7 = _____
34) 31% of 47 = _____
35) 87% of 188 = _____
36) 55% of 8 = _____
37) 49% of 521 = _____
38) 96% of 7 = _____
39) 83% of 322 = _____
40) 22% of 14 = _____
41) 47% of 6 = _____
42) 75% of 57 = _____
43) 95% of 70 = _____
44) 13% of 138 = _____
45) 18% of 10 = _____
46) 84% of 16 = _____
47) 84% of 86 = _____
48) 63% of 495 = _____
49) 22% of 7 = _____
50) 66% of 57 = _____
51) 99% of 73 = _____
52) 40% of 3 = _____
53) 92% of 68 = _____
54) 17% of 859 = _____
55) 84% of 338 = _____
56) 63% of 963 = _____
57) 32% of 492 = _____

Name:_____ Class:_____ Date:____/____/_____

Percent - Basic

Calculate the given percent of each value.

1) 20% of 82 = _____
2) 90% of 58 = _____
3) 25% of 50 = _____
4) 60% of 467 = _____
5) 75% of 764 = _____
6) 10% of 885 = _____
7) 80% of 574 = _____
8) 90% of 840 = _____
9) 5% of 884 = _____
10) 25% of 9 = _____
11) 70% of 929 = _____
12) 50% of 2 = _____
13) 20% of 606 = _____
14) 80% of 95 = _____
15) 25% of 2 = _____
16) 90% of 89 = _____
17) 5% of 63 = _____
18) 10% of 9 = _____
19) 60% of 71 = _____
20) 20% of 80 = _____
21) 75% of 6 = _____
22) 70% of 68 = _____
23) 50% of 977 = _____
24) 10% of 2 = _____
25) 90% of 1 = _____
26) 75% of 94 = _____
27) 5% of 55 = _____
28) 20% of 374 = _____
29) 70% of 100 = _____
30) 60% of 982 = _____
31) 25% of 7 = _____
32) 80% of 1 = _____
33) 10% of 4 = _____
34) 60% of 98 = _____
35) 20% of 1 = _____
36) 5% of 47 = _____
37) 90% of 432 = _____
38) 70% of 105 = _____
39) 75% of 19 = _____
40) 25% of 555 = _____
41) 80% of 932 = _____
42) 50% of 444 = _____
43) 90% of 64 = _____
44) 50% of 6 = _____
45) 80% of 548 = _____
46) 5% of 234 = _____
47) 70% of 4 = _____
48) 60% of 574 = _____
49) 25% of 4 = _____
50) 75% of 22 = _____
51) 20% of 3 = _____
52) 10% of 94 = _____
53) 80% of 9 = _____
54) 5% of 700 = _____
55) 75% of 721 = _____
56) 25% of 5 = _____
57) 50% of 4 = _____

Name:_____ Class:_____ Date:____/____/_____

Ratio Conversions

Provide the conversions for each ratio.

1)

	Ratio	Fraction	Percent	Decimal
a.	1:3			
b.	2:3			
c.	1:2			
d.	4:4			
e.	3:5			
f.	6:7			
g.	7:9			
h.	8:9			
i.	3:6			
j.	4:9			
k.	2:5			
l.	2:8			
m.	4:10			
n.	9:10			
o.	1:6			

2)

	Ratio	Fraction	Percent	Decimal
a.	5:6			
b.	6:8			
c.	4:9			
d.	1:1			
e.	9:10			
f.	6:7			
g.	3:7			
h.	7:8			
i.	4:6			
j.	1:4			
k.	4:8			
l.	6:9			
m.	2:3			
n.	3:6			
o.	2:4			

3)

	Ratio	Fraction	Percent	Decimal
a.	5:8			
b.	10:10			
c.	2:6			
d.	5:6			
e.	3:5			
f.	4:9			
g.	3:6			
h.	5:7			
i.	3:4			
j.	1:3			
k.	1:5			
l.	8:9			
m.	6:10			
n.	6:9			
o.	2:5			

4)

	Ratio	Fraction	Percent	Decimal
a.	3:3			
b.	2:10			
c.	8:9			
d.	4:10			
e.	5:6			
f.	7:8			
g.	1:5			
h.	2:4			
i.	2:5			
j.	1:3			
k.	4:5			
l.	1:4			
m.	4:8			
n.	1:10			
o.	3:4			

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Percent 1

Solve.

1) Brian bought a bicycle that cost $80.00 when it was new. If he eventually sold it for 10% of the original cost, how much was it sold for?

_____

2) If the number 90 is decreased by 20%, what is the value of the new number?

_____

3) Paul earned $70.00 for a week's work. If he paid 10% of it in taxes how much did he pay in taxes?

_____

4) If the number 60 is increased by 20%, what is the value of the new number?

_____

5) Marin had a collection of 60 baseball cards. She gave away 20% of them. How many did she have left?

_____

6) Sandra bought a jacket for $75.00. If she paid an additional 16% for sales tax, how much in total did she pay for the jacket?

_____

7) In a school of 75 students, 16% are boys. How many are boys?

_____

8) What is 20% of 35?

_____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Percent 2

Solve.

1) Brian bought a bicycle that cost $40.00 when it was new. If he eventually sold it for 15% of the original cost, how much was it sold for?

_____

2) If the number 25 is increased by 20%, what is the value of the new number?

_____

3) If the number 100 is decreased by 20%, what is the value of the new number?

_____

4) Amy bought a jacket for $50.00. If she paid an additional 20% for sales tax, how much in total did she pay for the jacket?

_____

5) Allan earned $80.00 for a week's work. If he paid 15% of it in taxes how much did he pay in taxes?

_____

6) What is 20% of 75?

_____

7) Jackie had a collection of 50 baseball cards. She gave away 18% of them. How many did she have left?

_____

8) In a school of 25 students, 16% are boys. How many are boys?

_____

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Percent 3

Solve.

1) Brian earned $90.00 for a week's work. If he paid 10% of it in taxes how much did he pay in taxes?

_____

2) If the number 70 is decreased by 20%, what is the value of the new number?

_____

3) Michele bought a jacket for $70.00. If she paid an additional 10% for sales tax, how much in total did she pay for the jacket?

_____

4) If the number 40 is increased by 15%, what is the value of the new number?

_____

5) Paul bought a bicycle that cost $35.00 when it was new. If he eventually sold it for 20% of the original cost, how much was it sold for?

_____

6) Amy had a collection of 50 baseball cards. She gave away 18% of them. How many did she have left?

_____

7) In a school of 100 students, 16% are boys. How many are boys?

_____

8) What is 20% of 55?

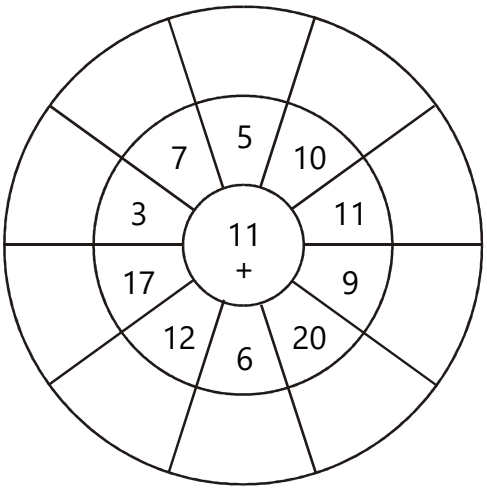
_____

Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 1

Add.

1)



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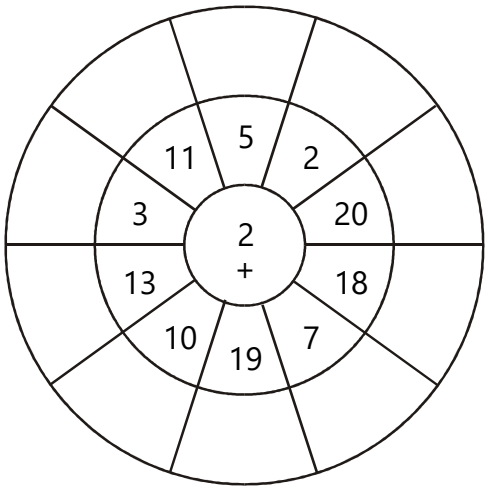

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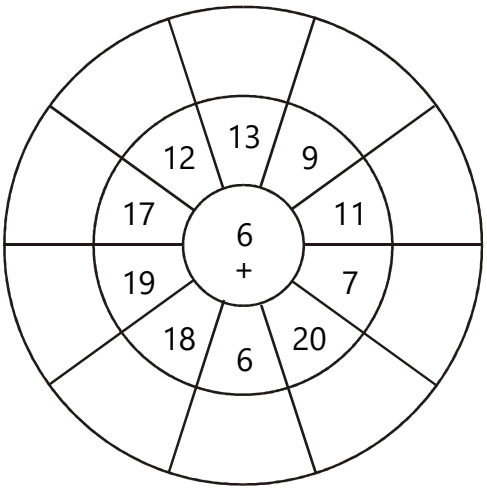

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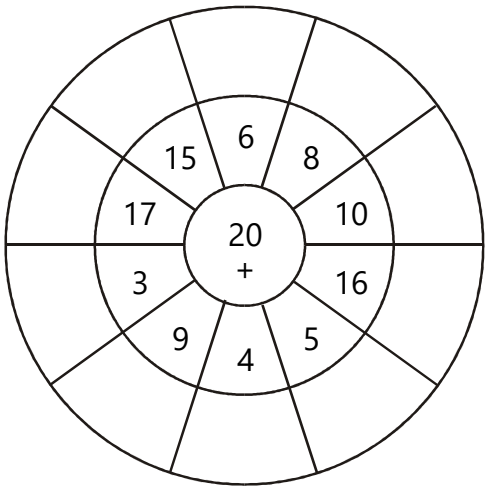

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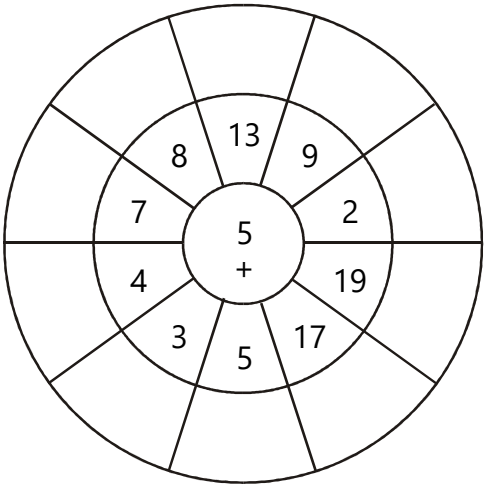

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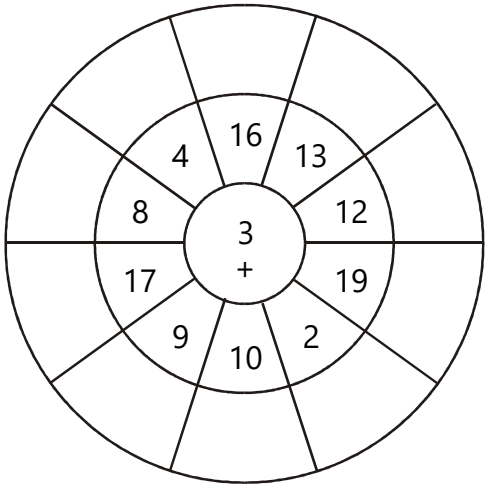
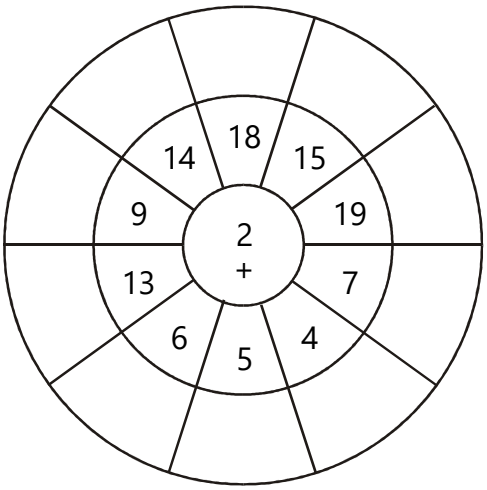


Name:_____ Class:_____ Date:____/____/_____

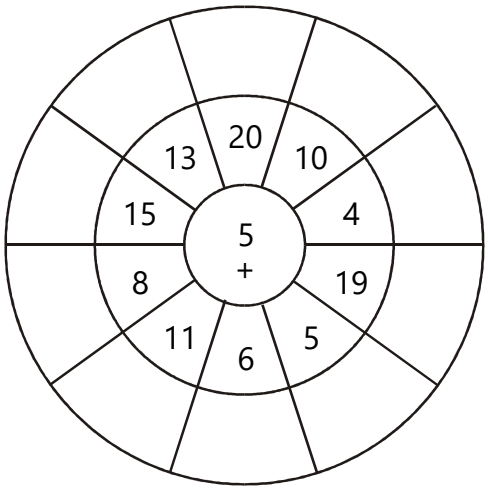
Circle Drills Addition 2

Add.

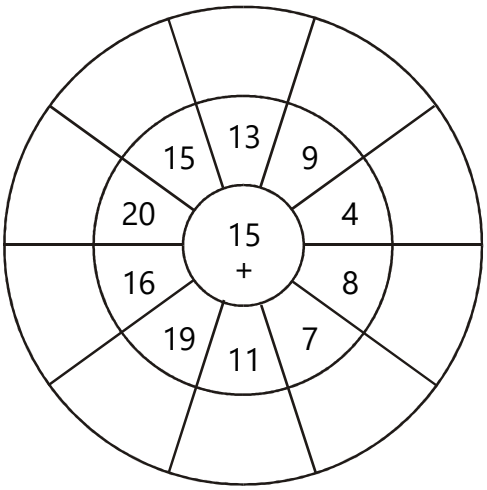
1)



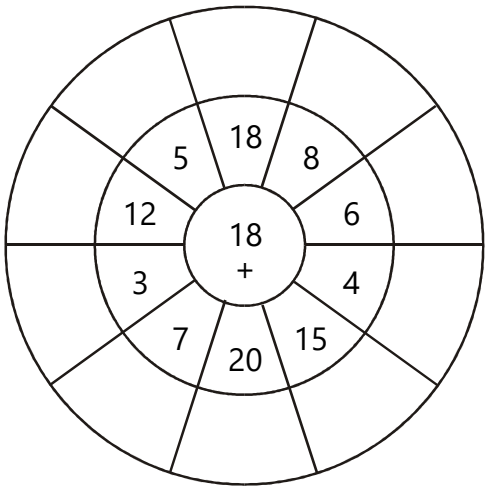
2)



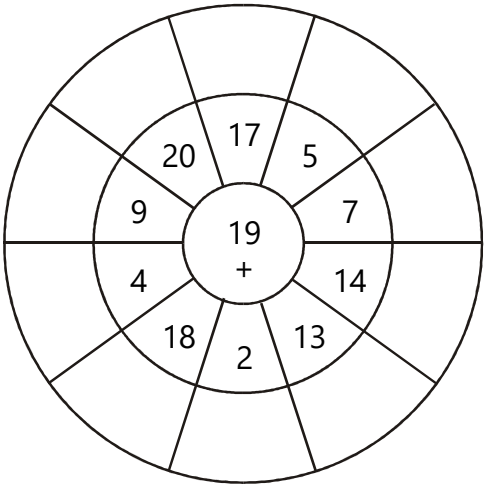
3)



4)



5)



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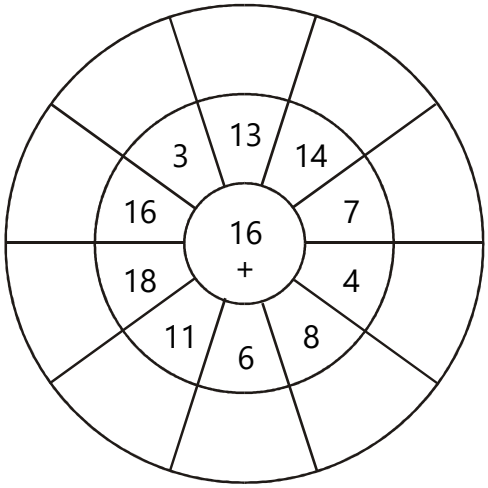
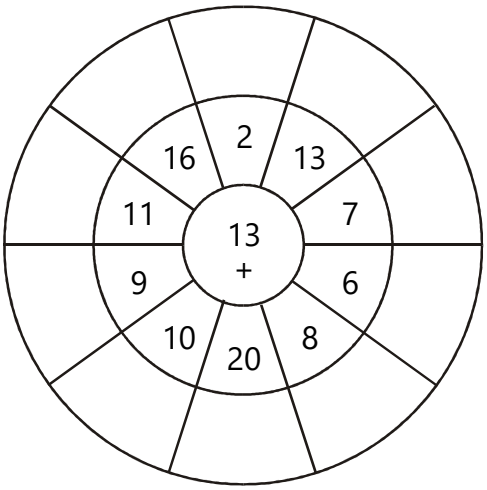


Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 3

Add.

1)



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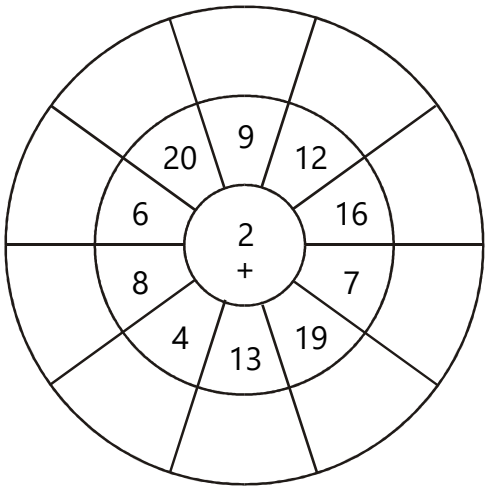
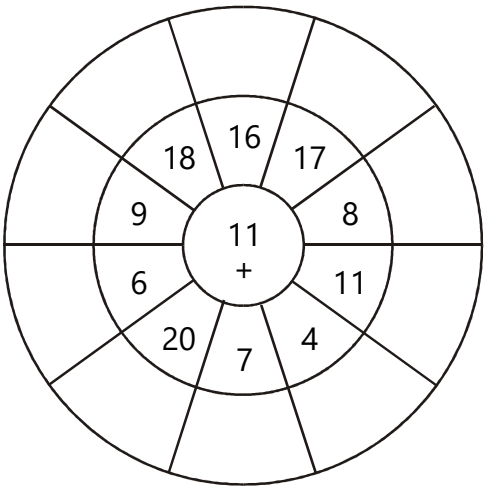
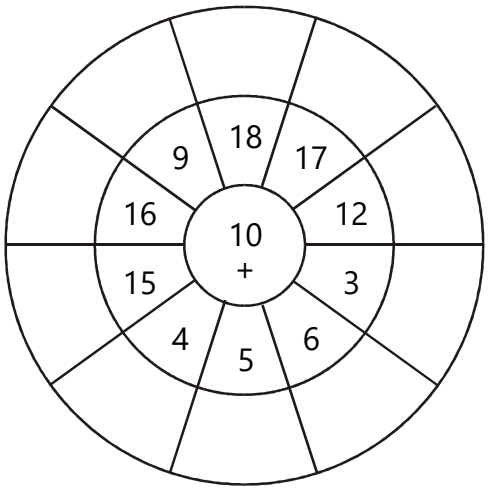


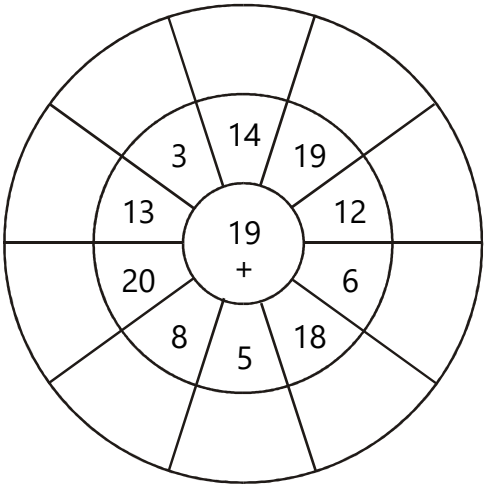
3)



4)



5)



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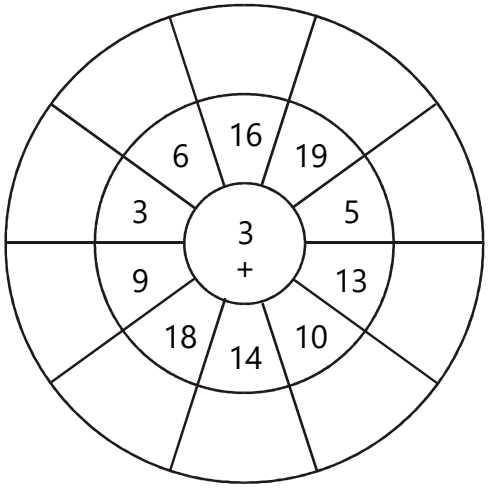
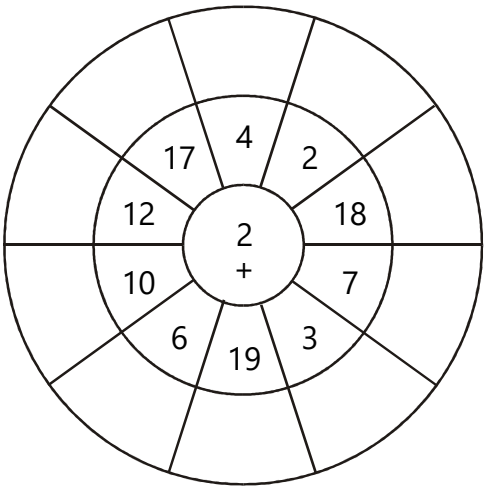


Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 4

Add.

1)



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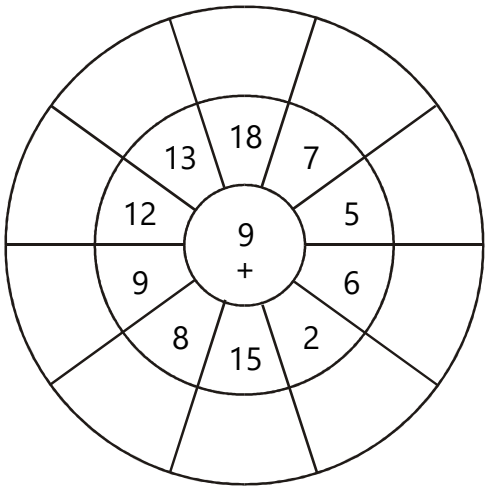

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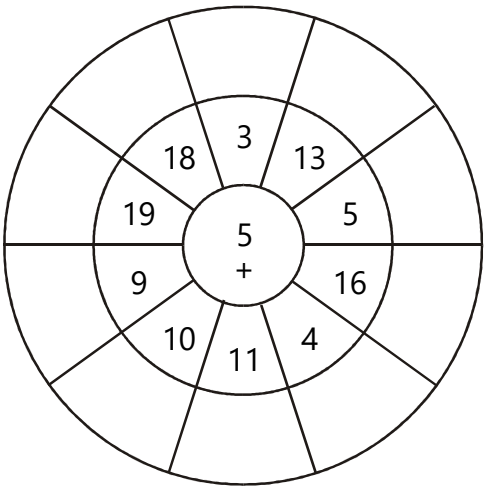

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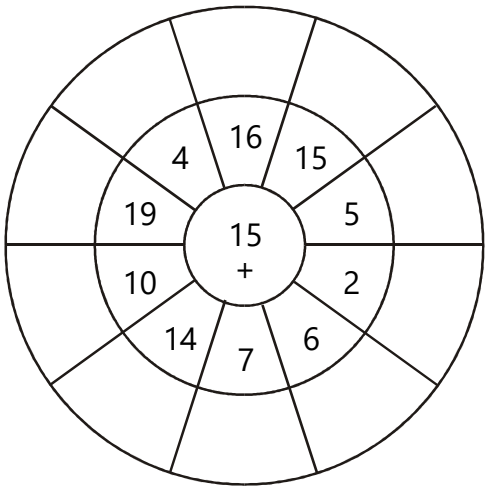

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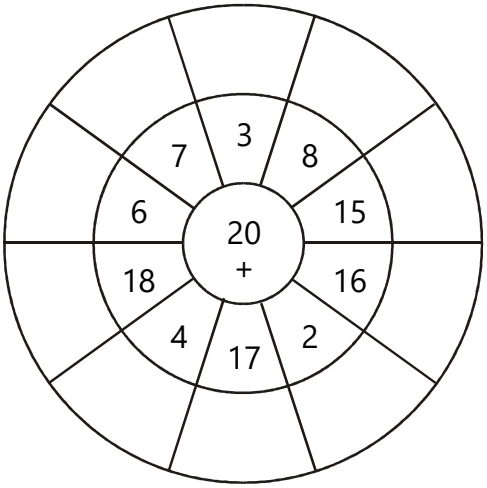

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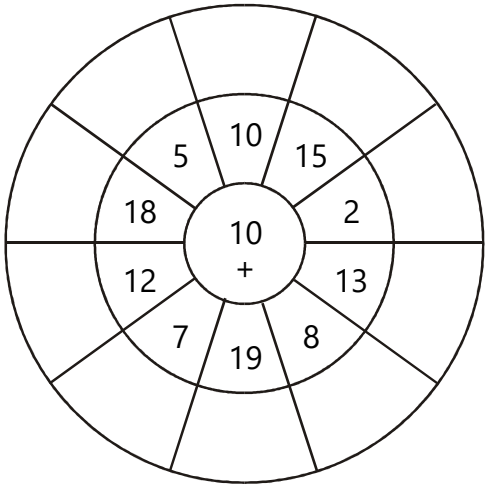
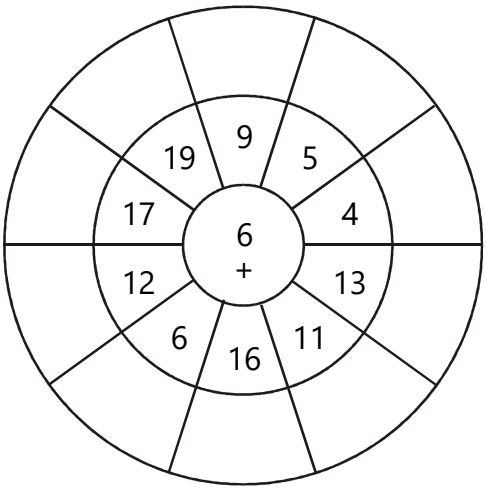


Name:_____ Class:_____ Date:____/____/_____

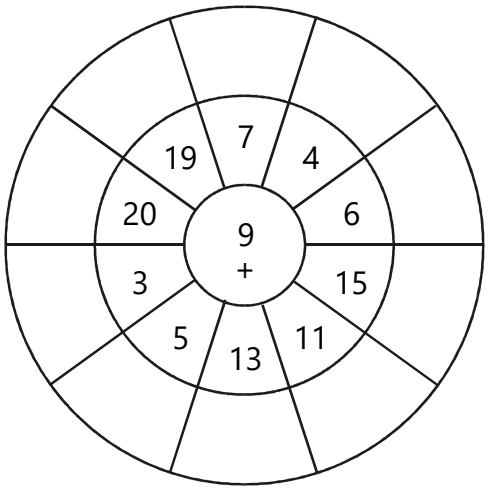
Circle Drills Addition 5

Add.

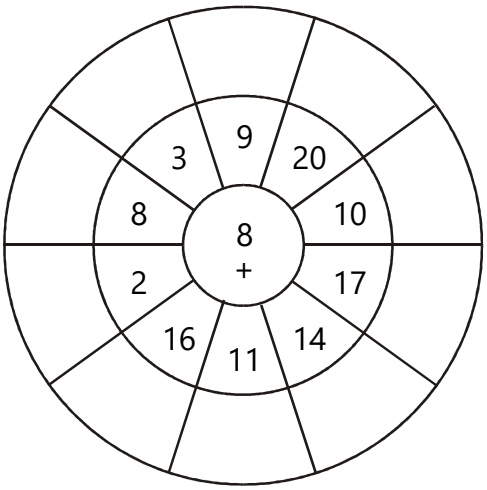
1)



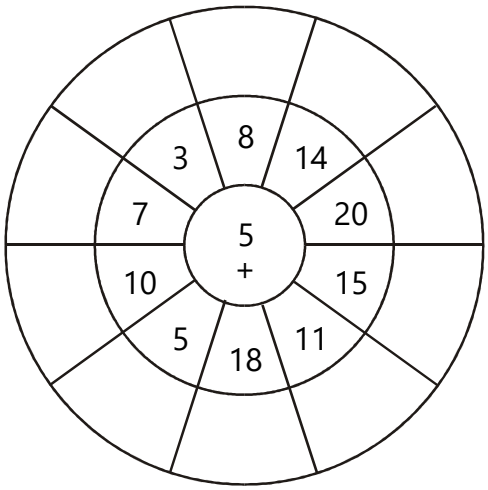
2)



3)



4)



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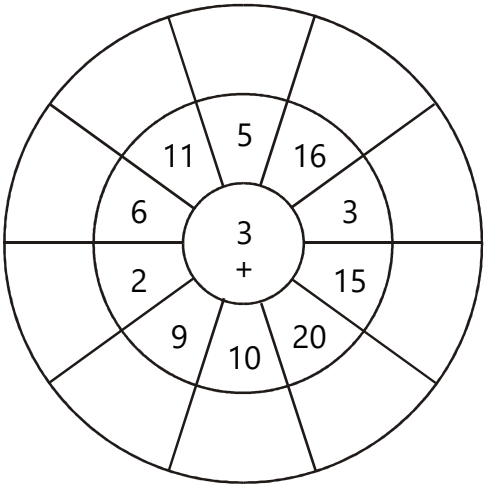

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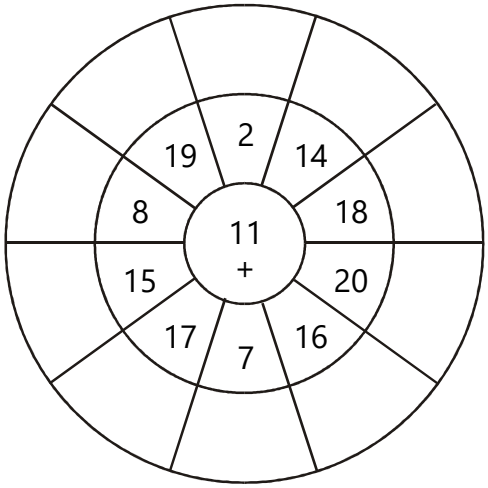
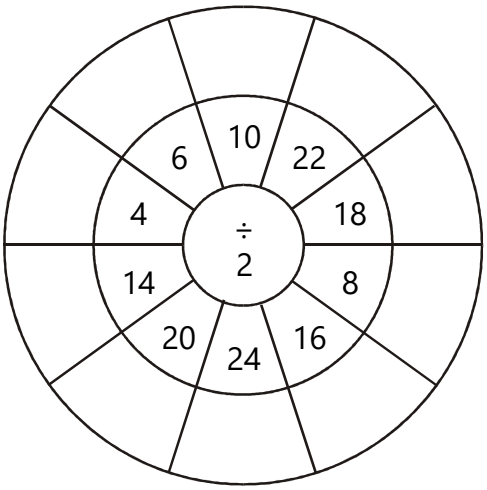


Name:_____ Class:_____ Date:____/____/_____

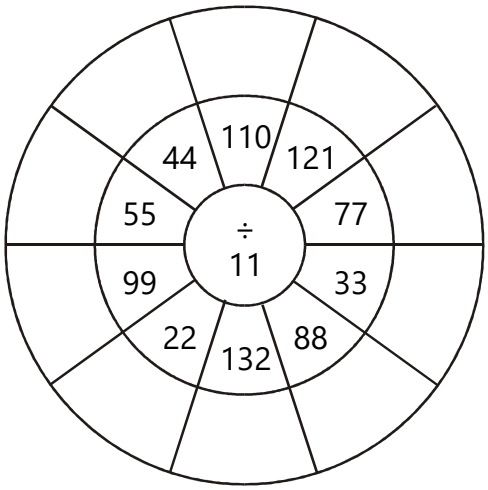
Circle Drills Division 1

Divide.

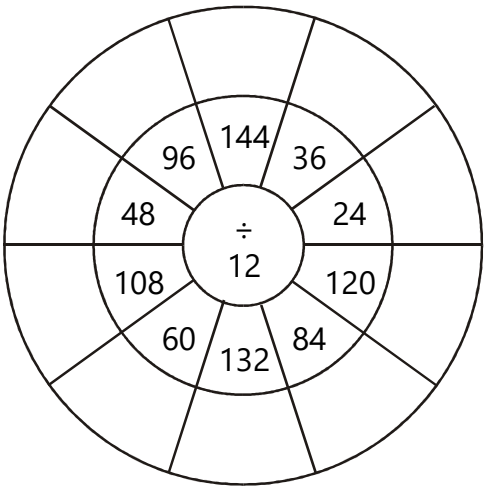
1)



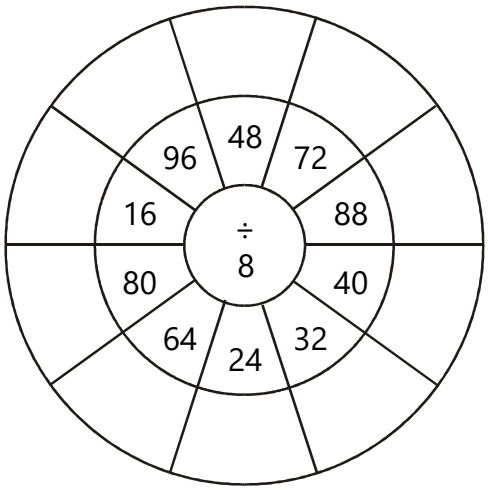
2)



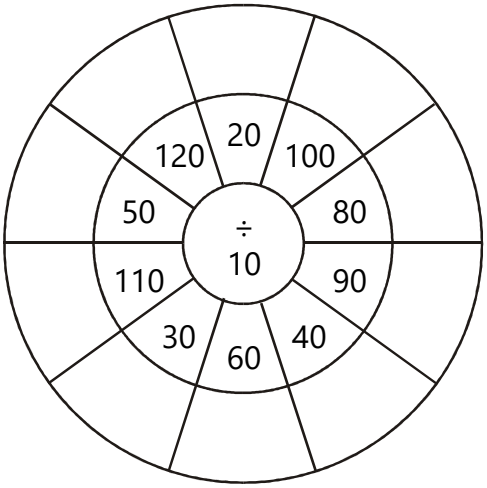
3)



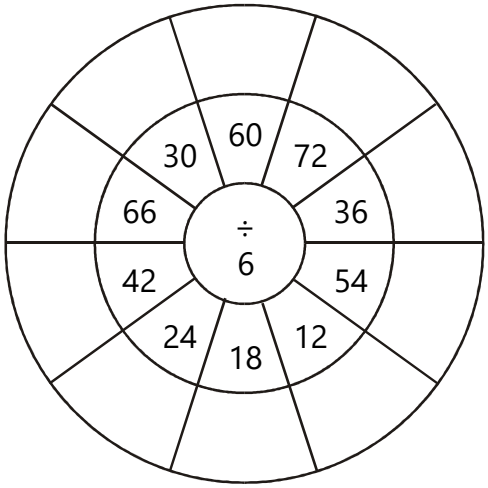
4)



5)



6)

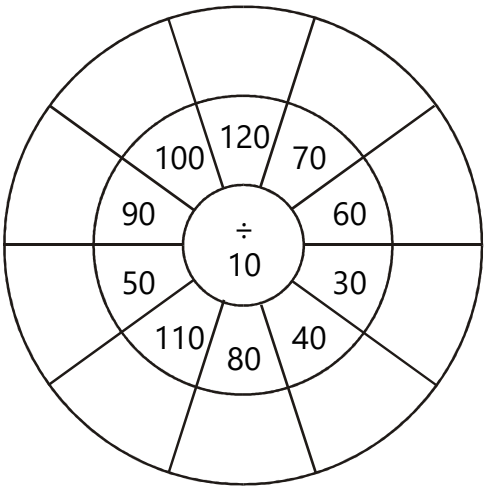


Name:_____ Class:_____ Date:____/____/_____

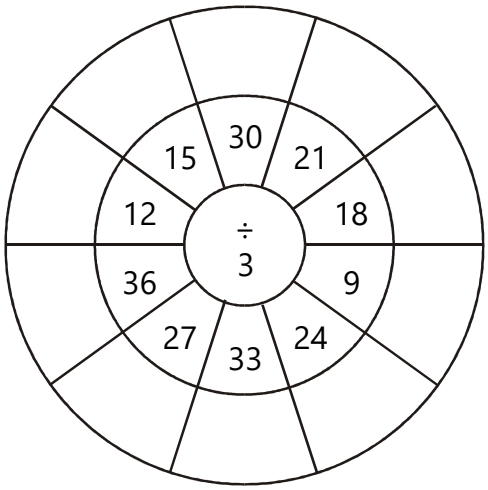
Circle Drills Division 2

Divide.

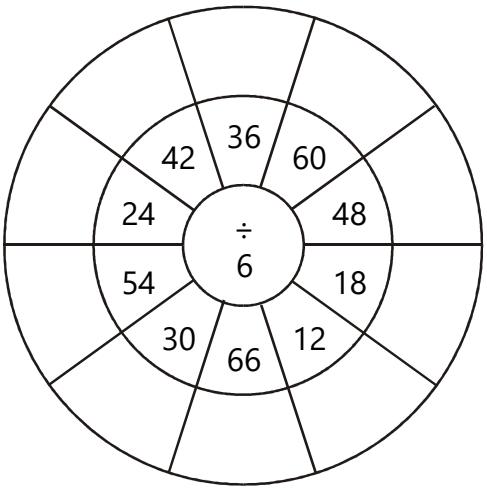
1)



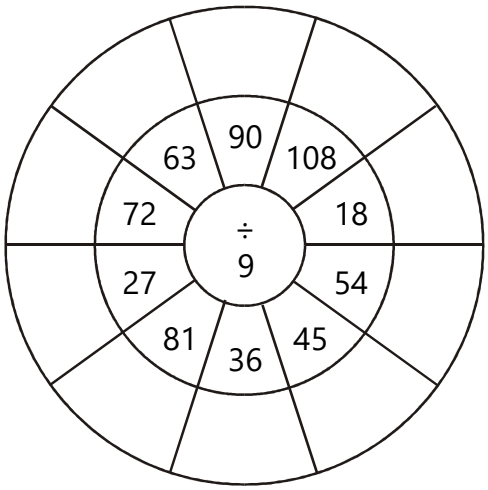
2)



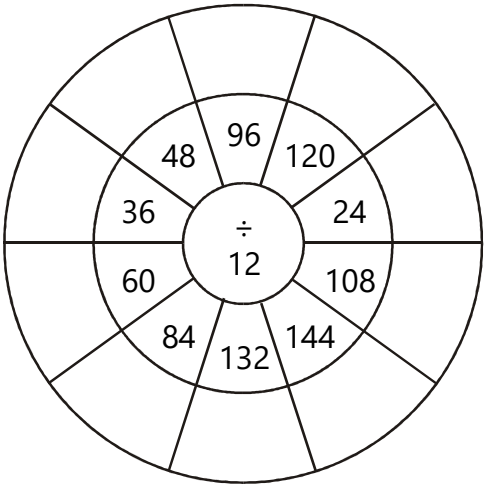
3)



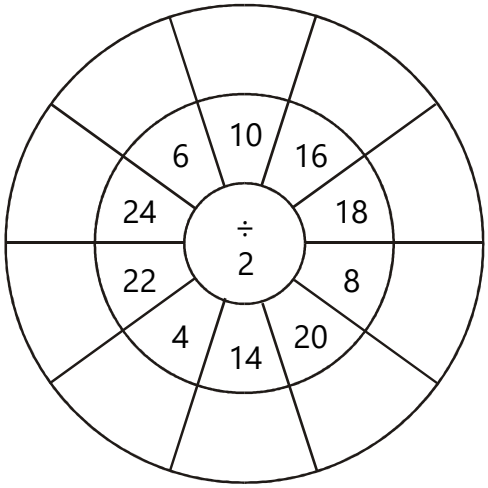
4)



5)



6)

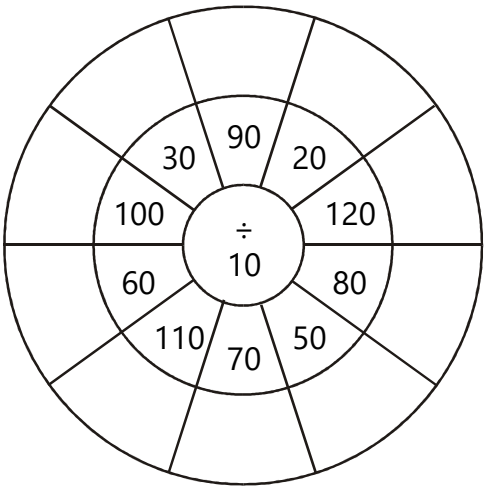


Name:_____ Class:_____ Date:____/____/_____

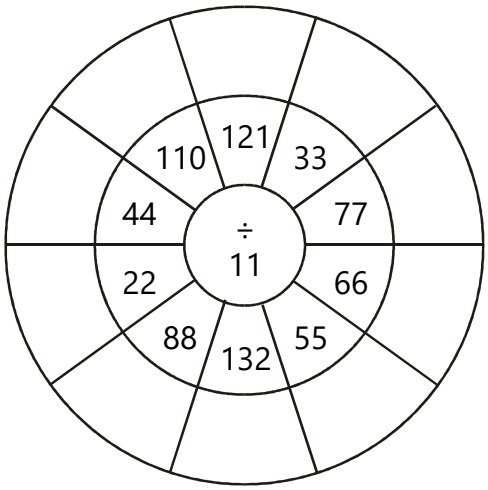
Circle Drills Division 3

Divide.

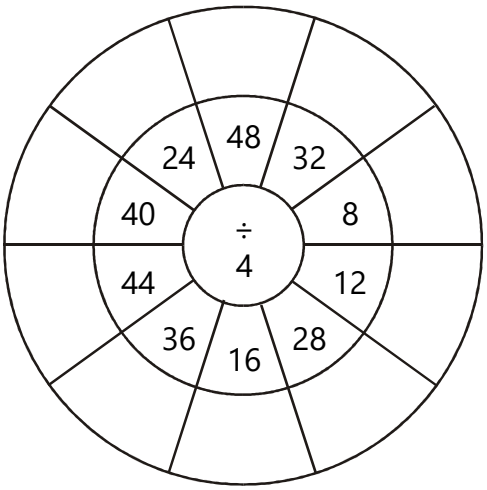
1)



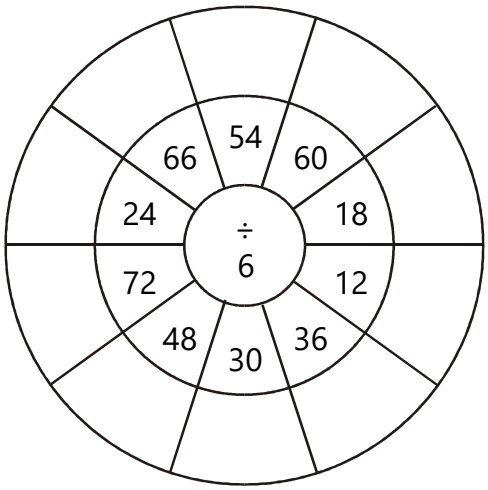
2)



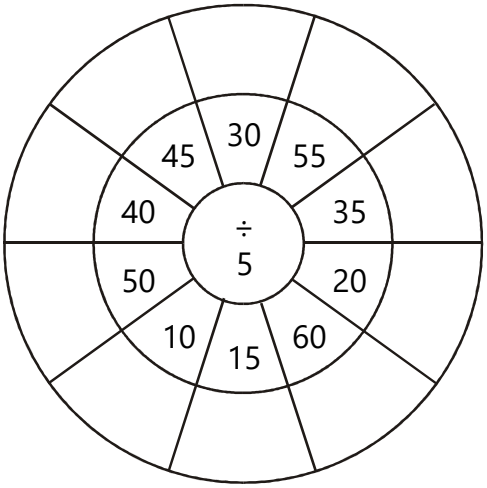
3)



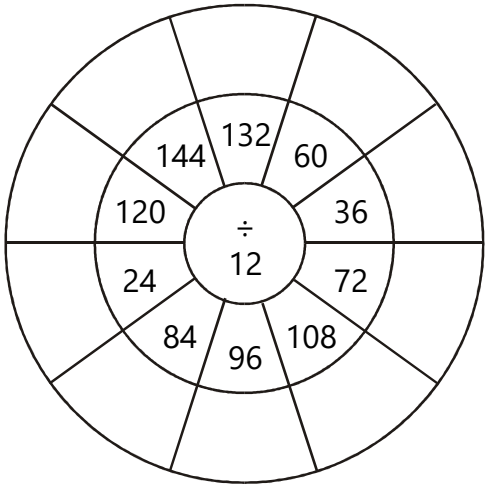
4)



5)



6)

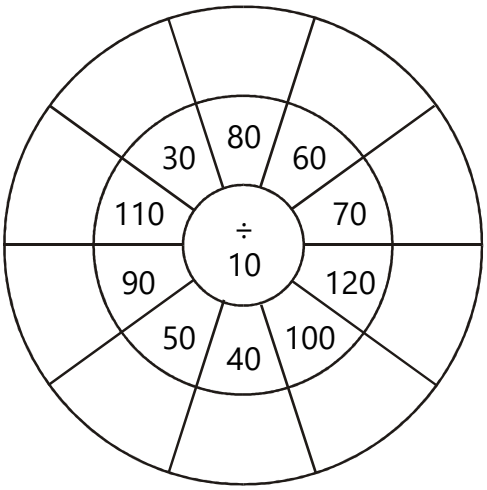


Name:_____ Class:_____ Date:____/____/_____

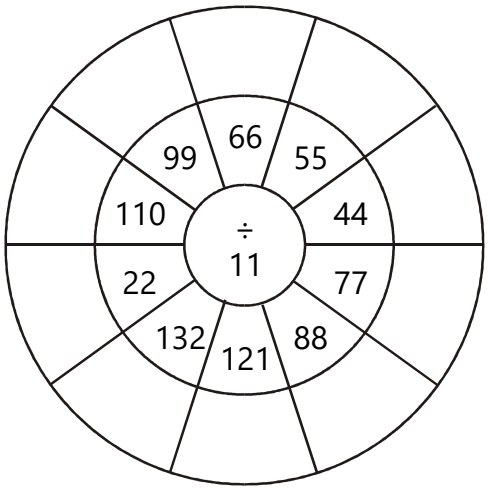
Circle Drills Division 4

Divide.

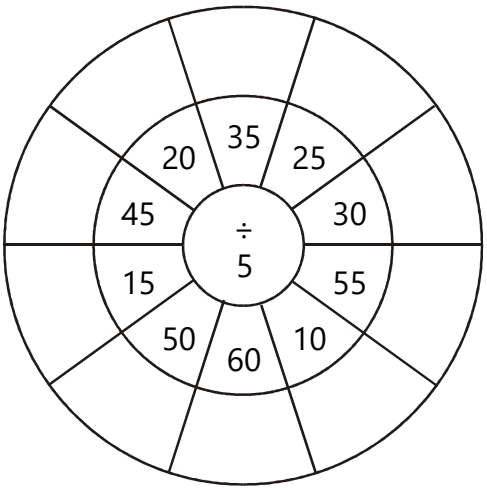
1)



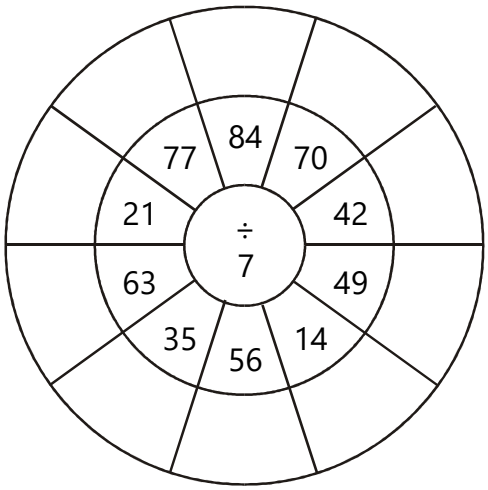
2)



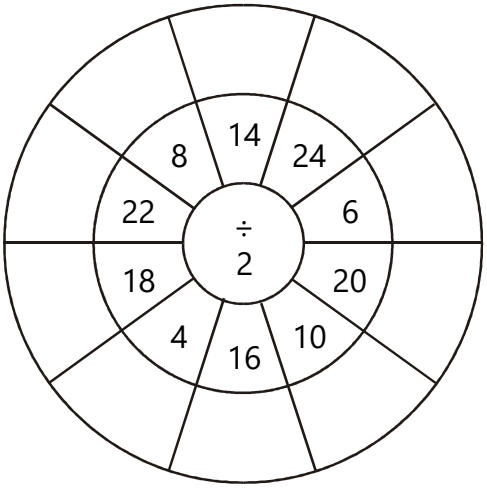
3)



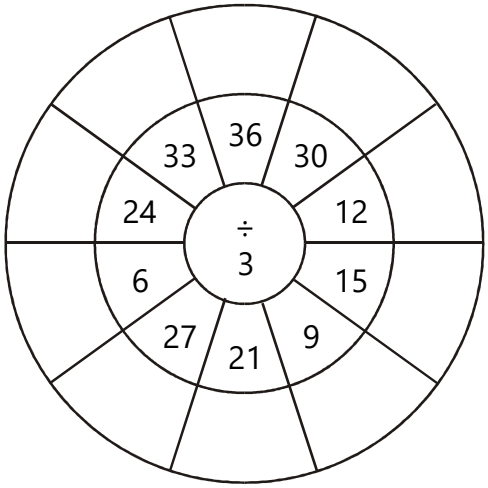
4)



5)



6)

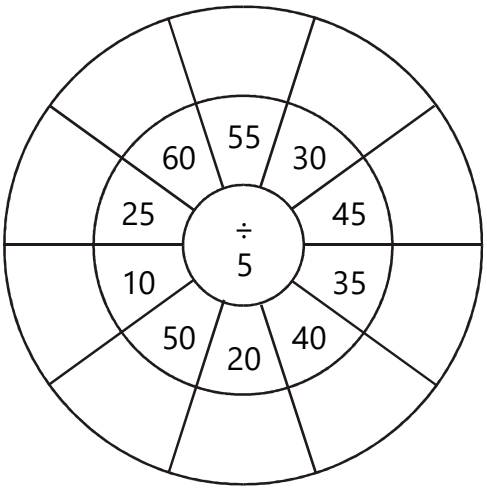


Name:_____ Class:_____ Date:____/____/_____

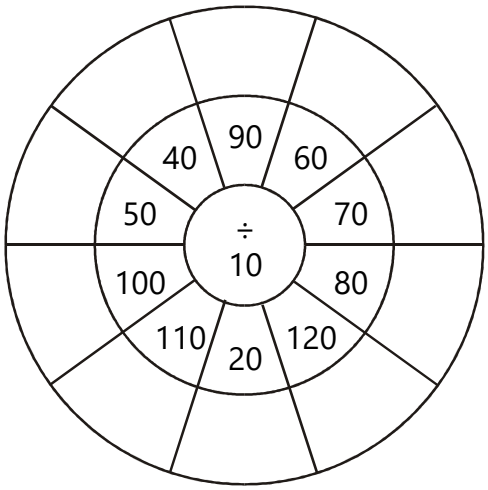
Circle Drills Division 5

Divide.

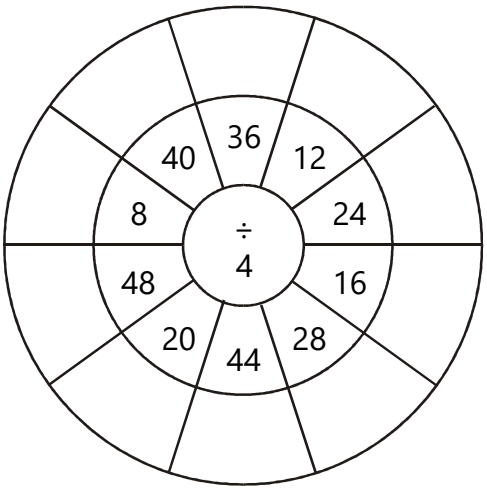
1)



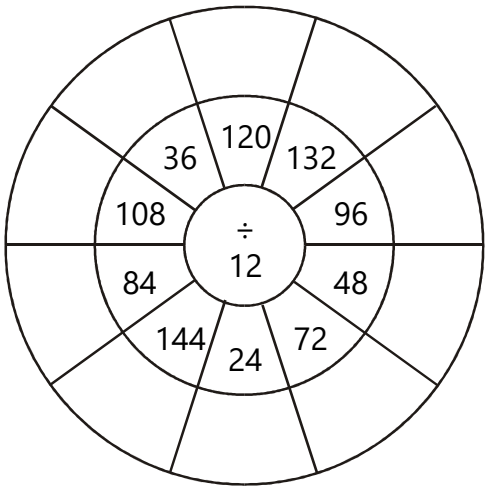
2)



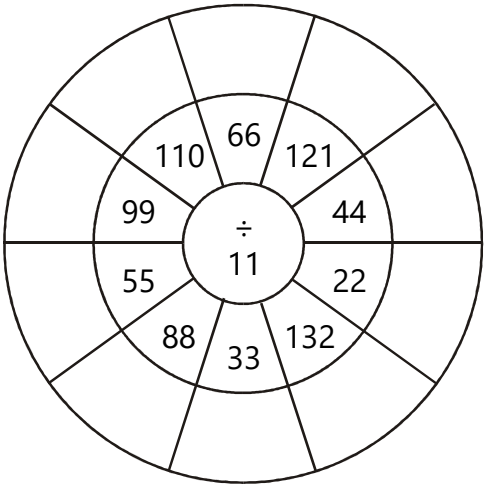
3)



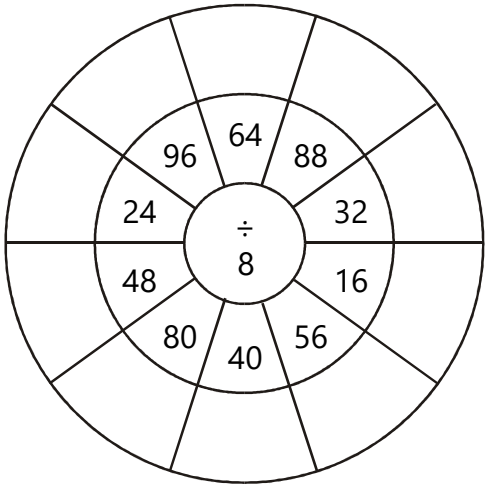
4)



5)



6)

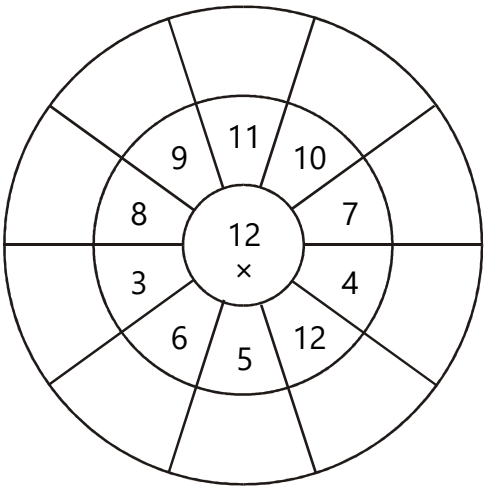


Name:_____ Class:_____ Date:____/____/_____

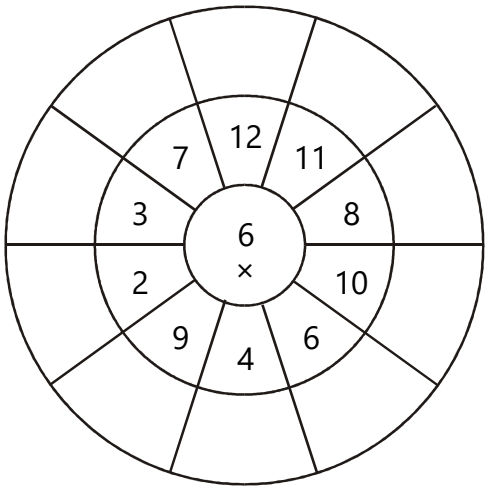
Circle Drills Multiplication 1

Multiply.

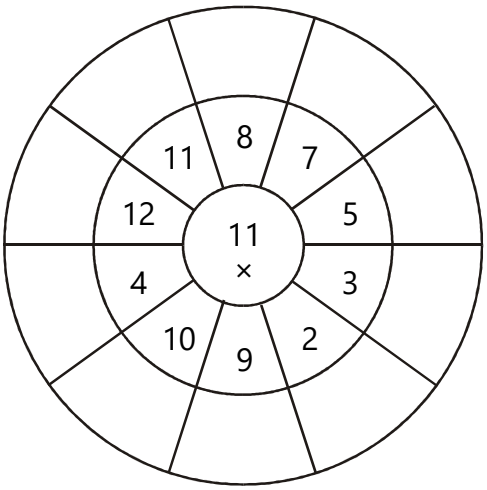
1)



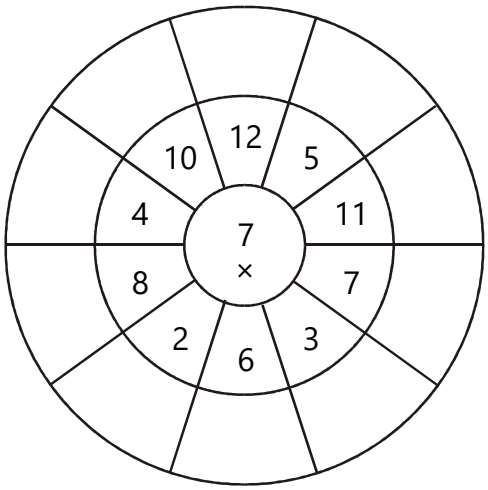
2)



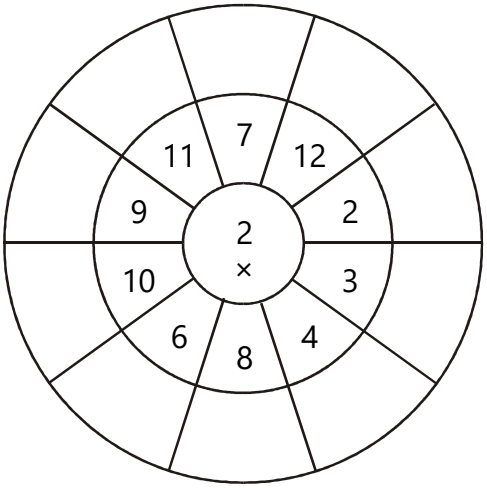
3)



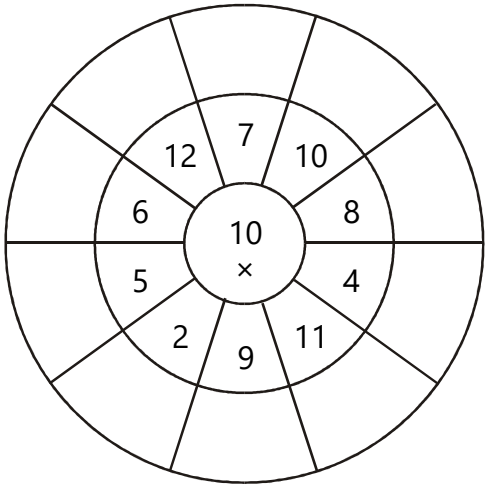
4)



5)



6)

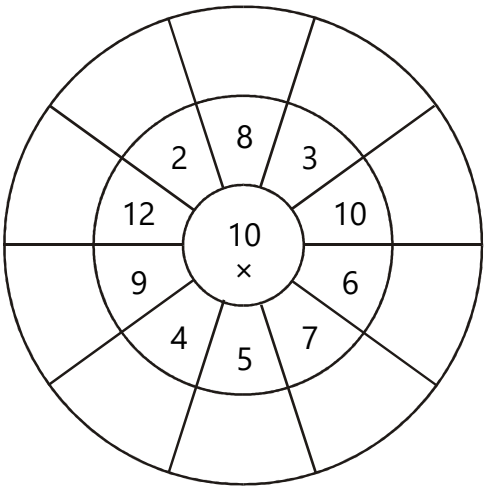


Name:_____ Class:_____ Date:____/____/_____

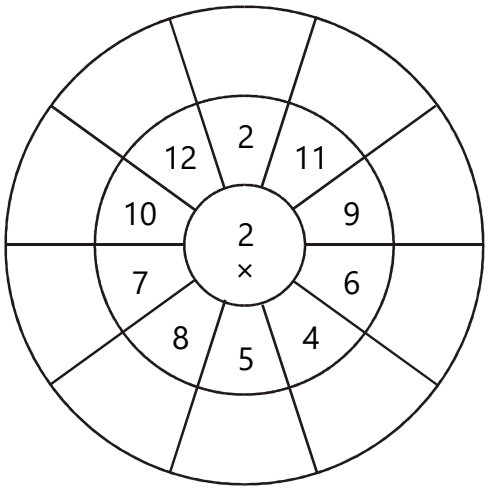
Circle Drills Multiplication 2

Multiply.

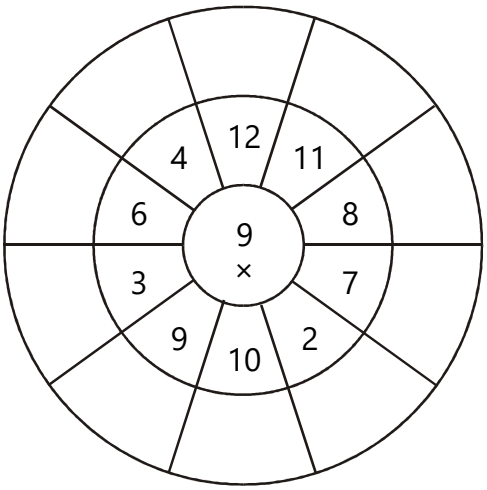
1)



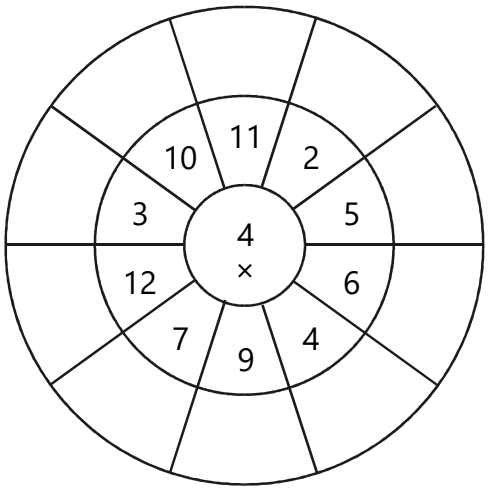
2)



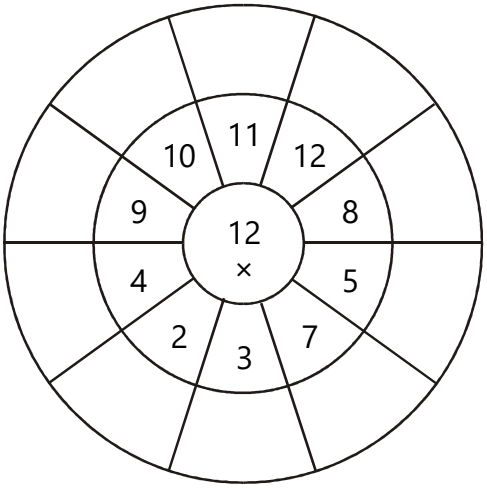
3)



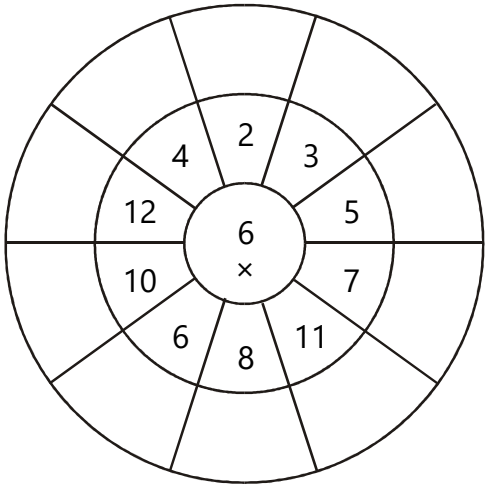
4)



5)



6)

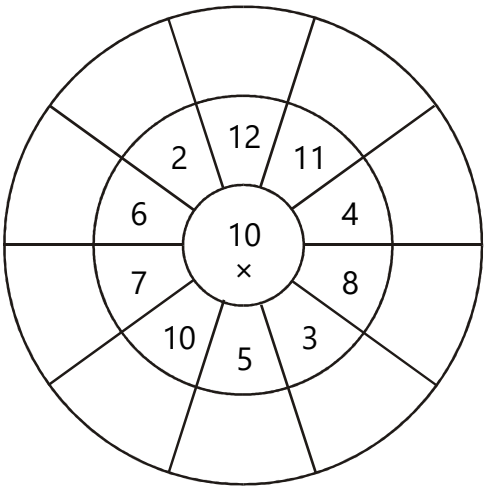


Name:_____ Class:_____ Date:____/____/_____

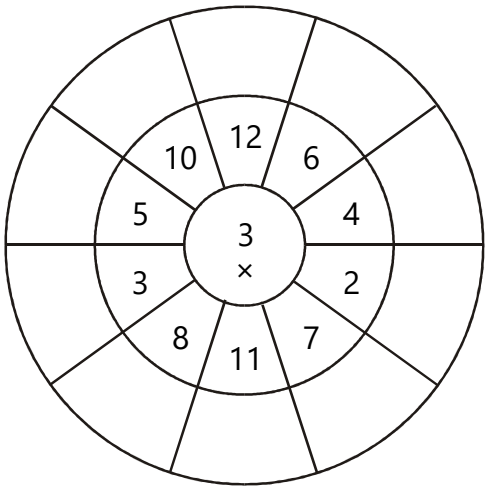
Circle Drills Multiplication 3

Multiply.

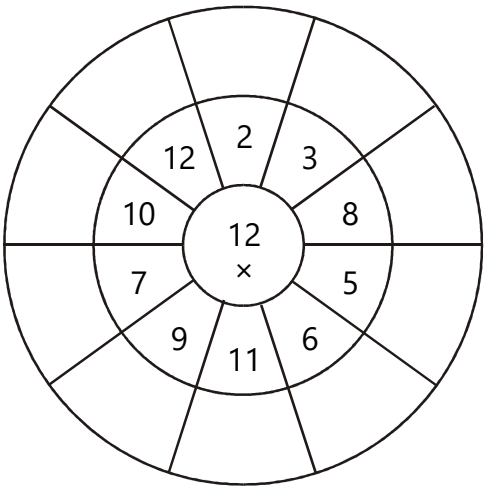
1)



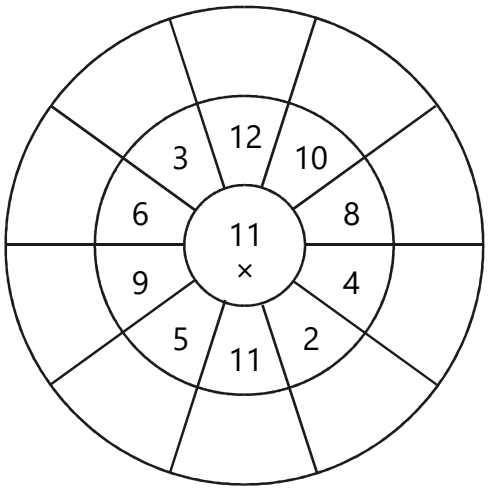
2)



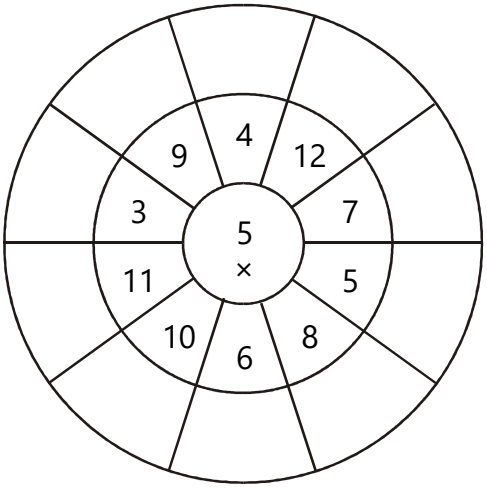
3)



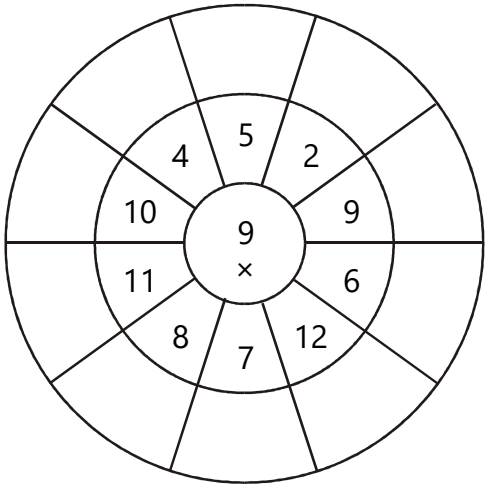
4)



5)



6)

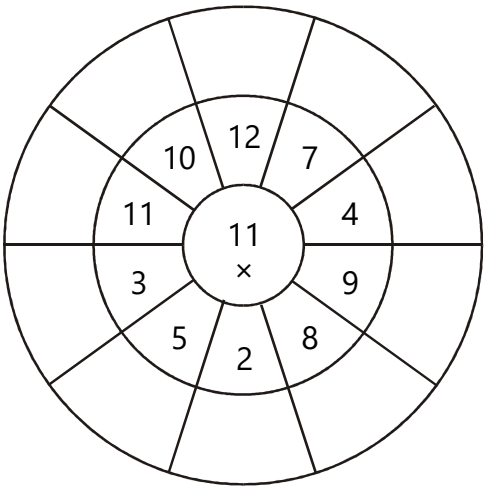


Name:_____ Class:_____ Date:____/____/_____

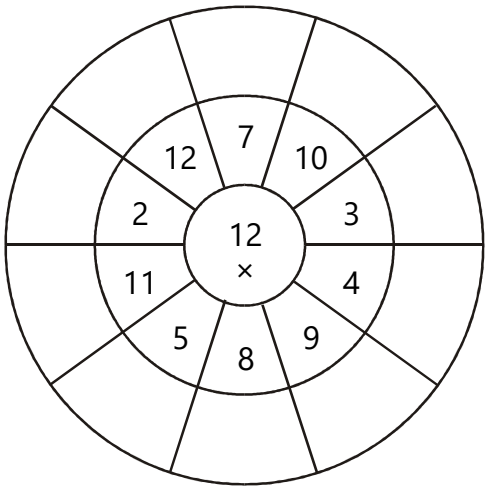
Circle Drills Multiplication 4

Multiply.

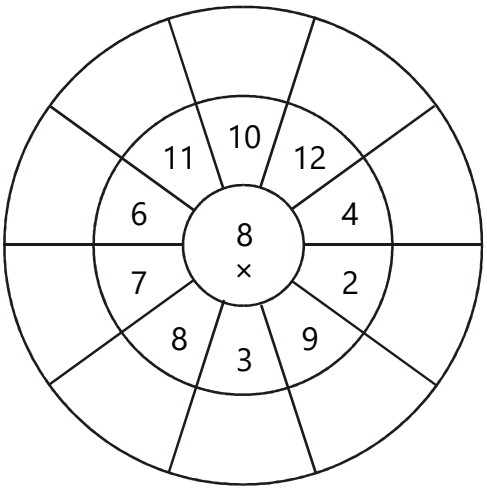
1)



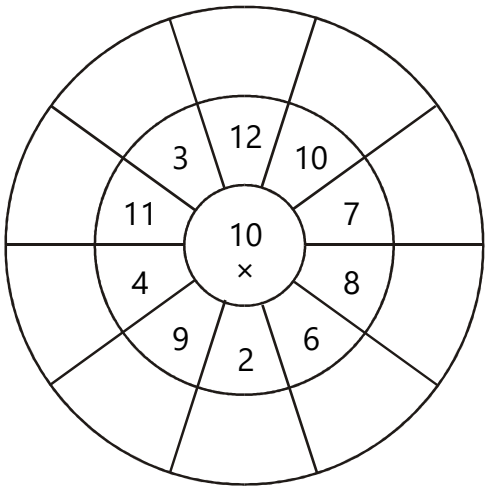
2)



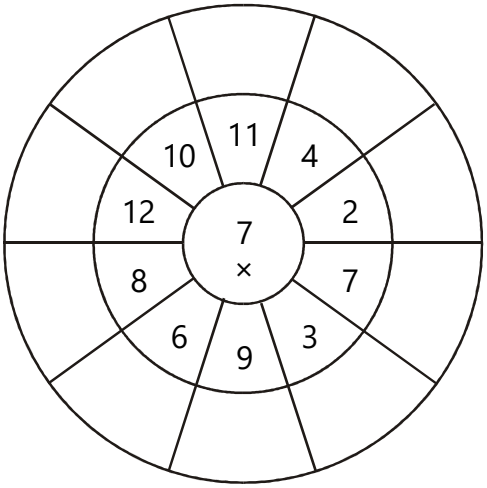
3)



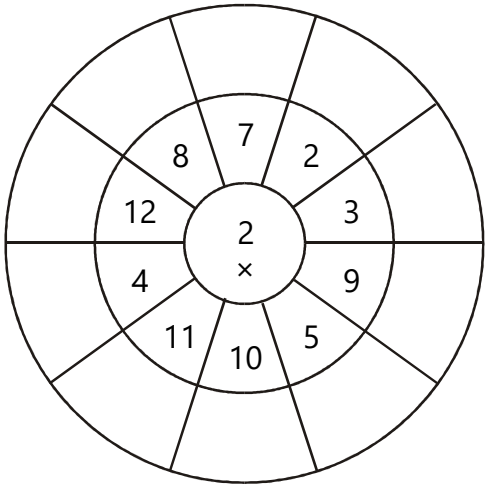
4)



5)



6)

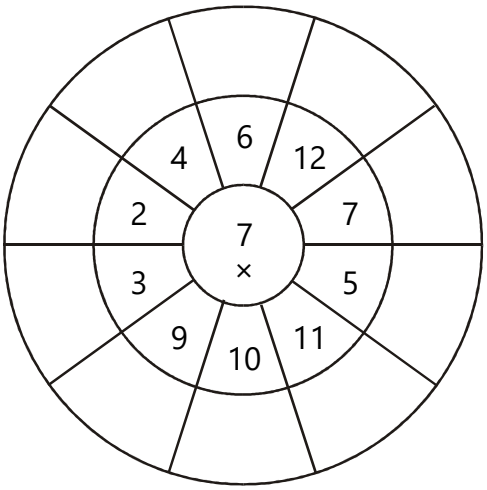


Name:_____ Class:_____ Date:____/____/_____

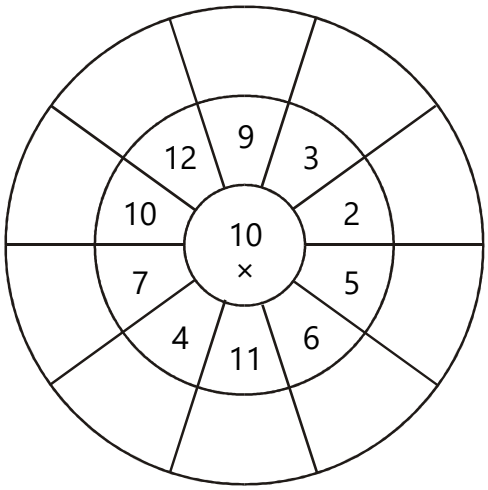
Circle Drills Multiplication 5

Multiply.

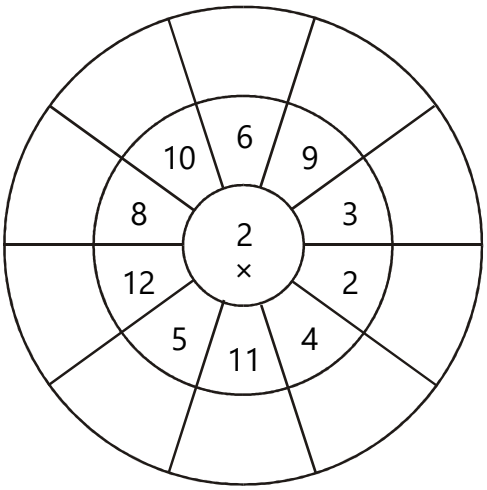
1)



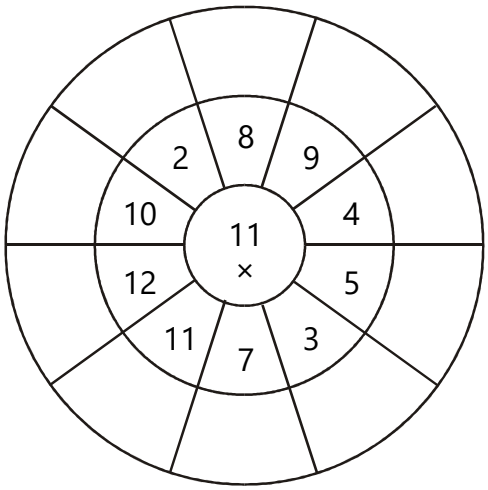
2)



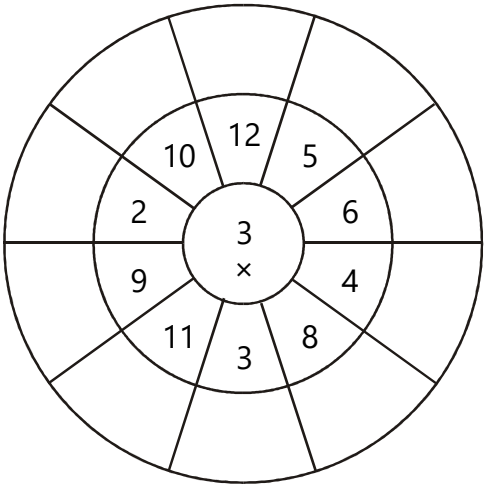
3)



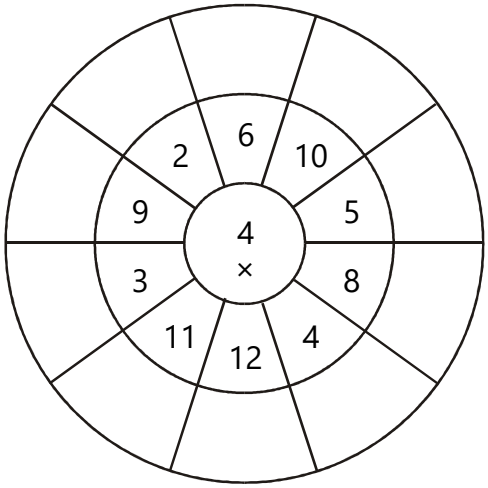
4)



5)



6)

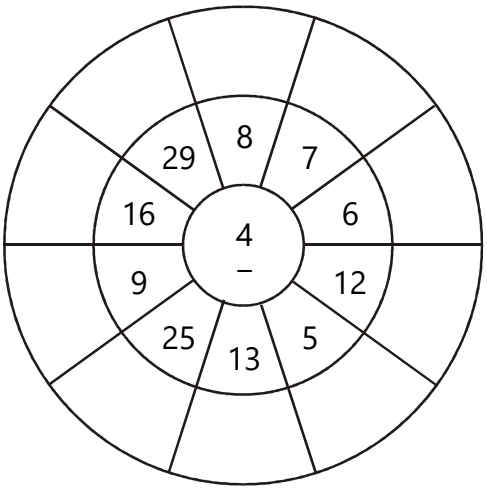


Name:_____ Class:_____ Date:____/____/_____

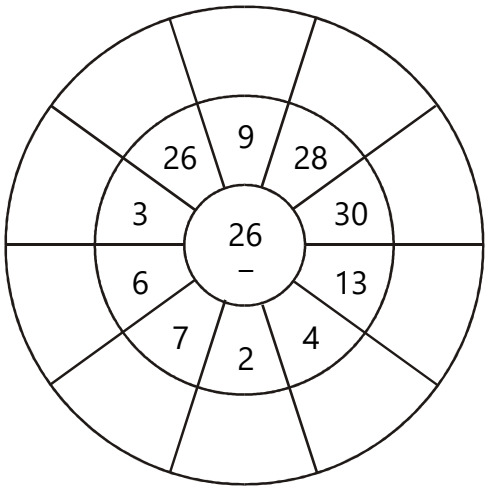
Circle Drills Subtraction 1

Subtract.

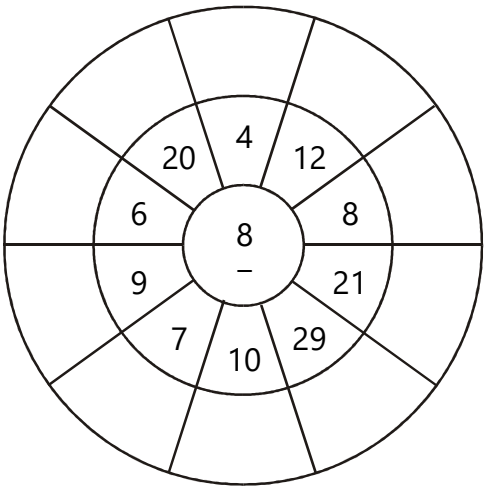
1)



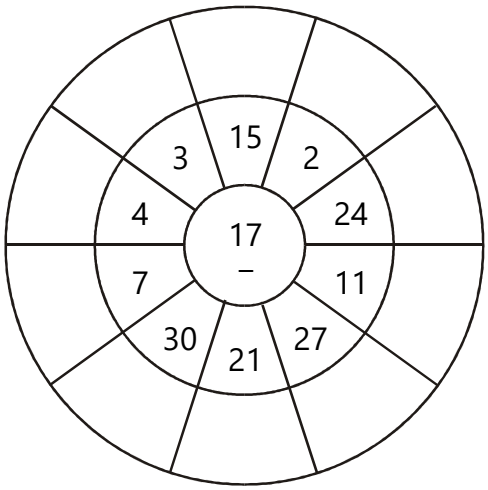
2)



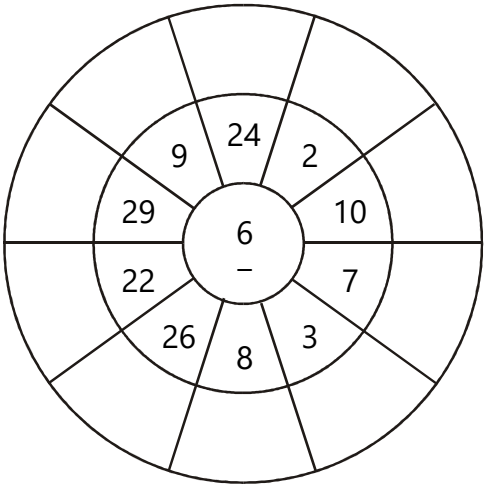
3)



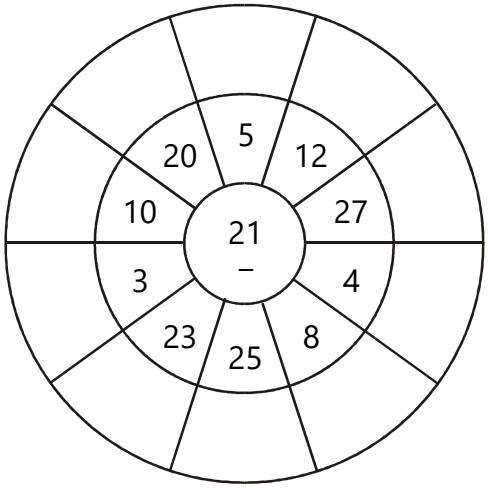
4)



5)



6)

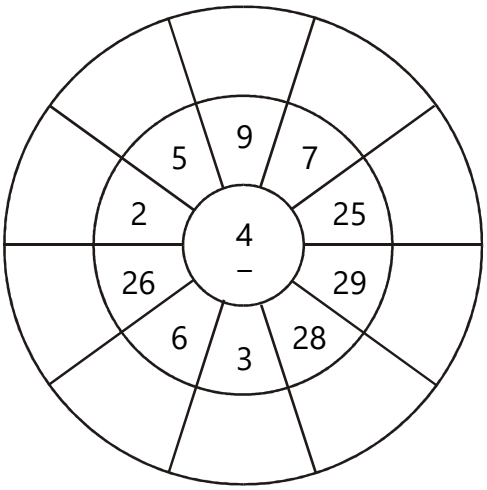


Name:_____ Class:_____ Date:____/____/_____

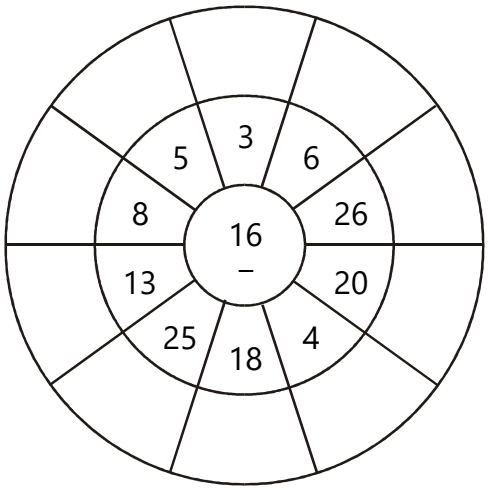
Circle Drills Subtraction 2

Subtract.

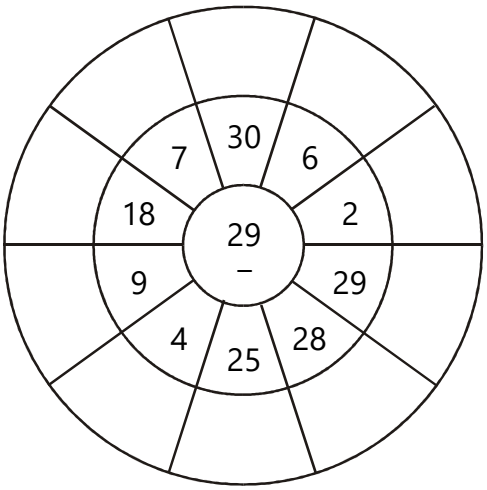
1)



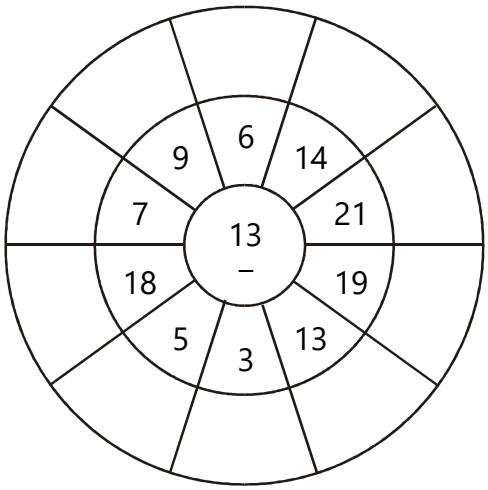
2)



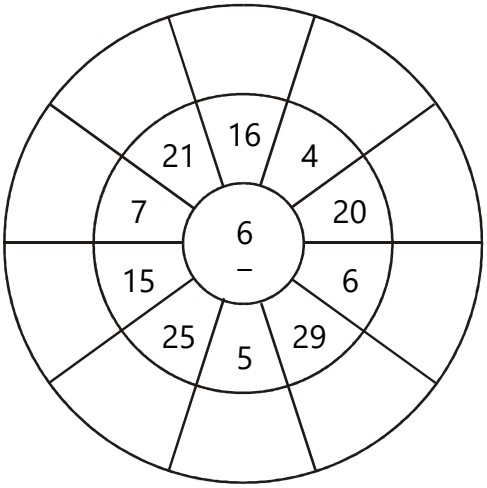
3)



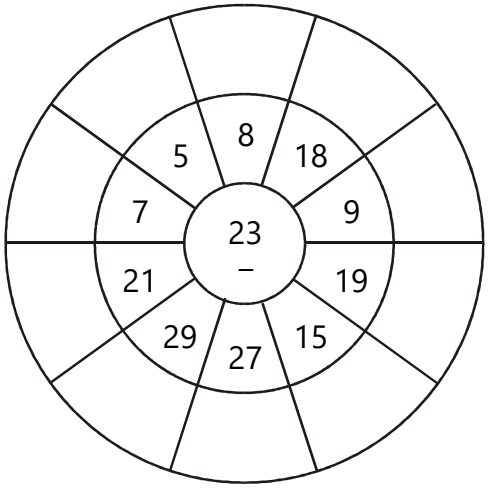
4)



5)



6)

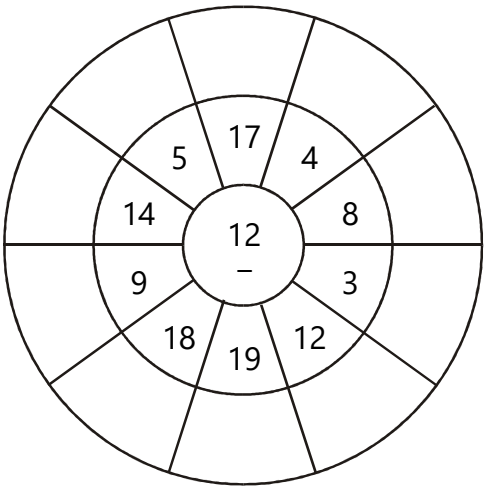


Name:_____ Class:_____ Date:____/____/_____

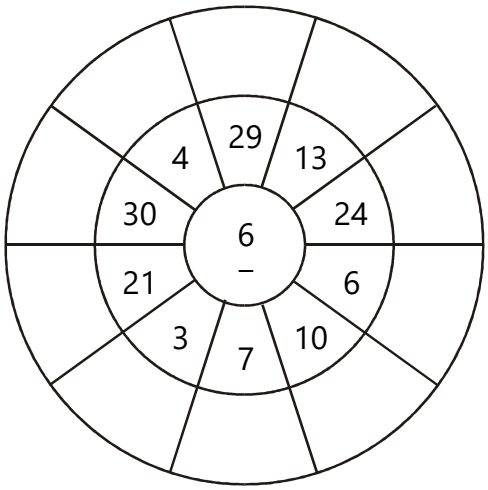
Circle Drills Subtraction 3

Subtract.

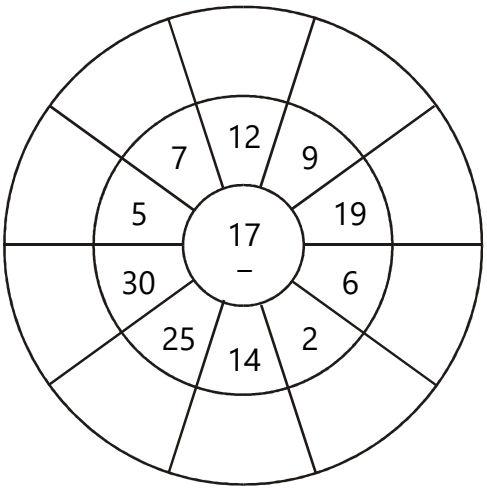
1)



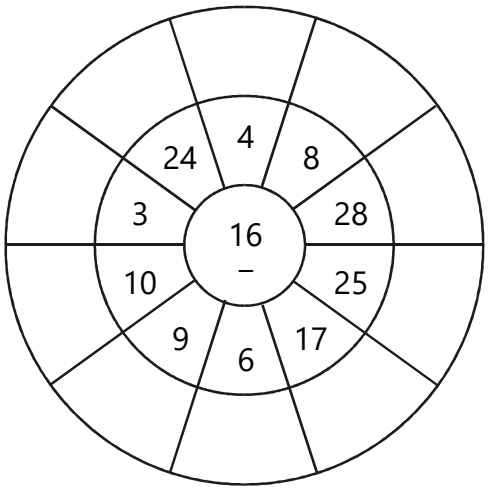
2)



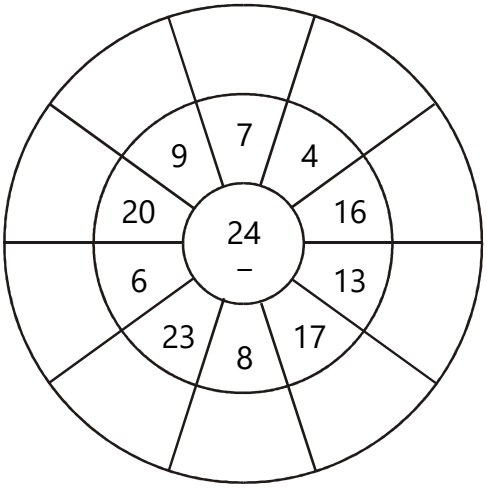
3)



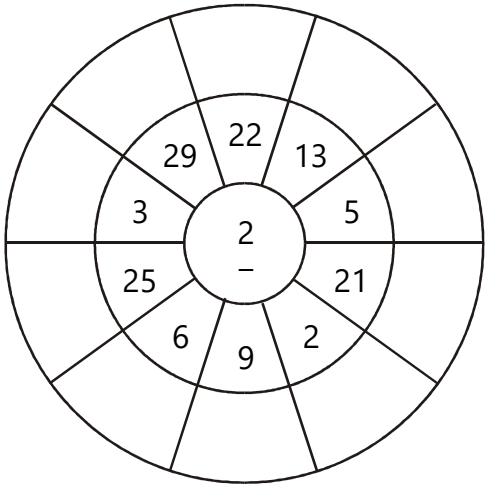
4)



5)



6)

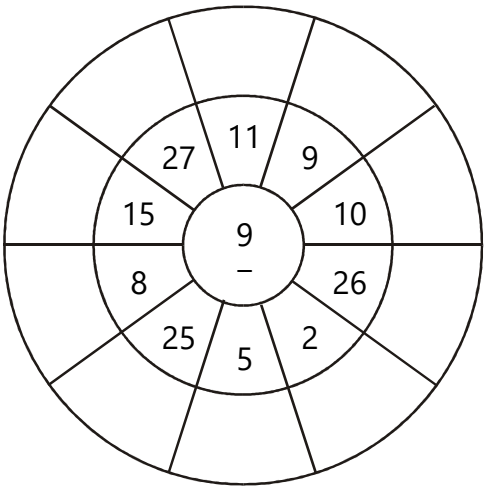


Name:_____ Class:_____ Date:____/____/_____

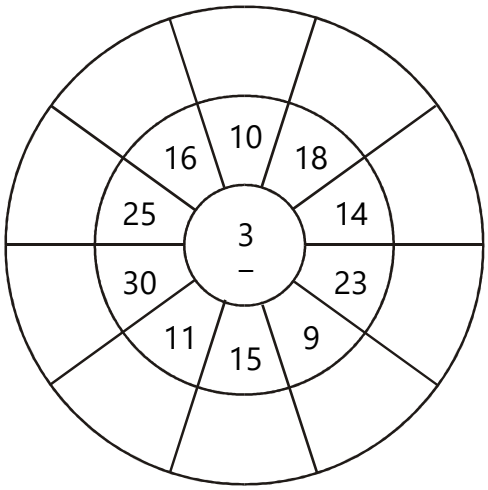
Circle Drills Subtraction 4

Subtract.

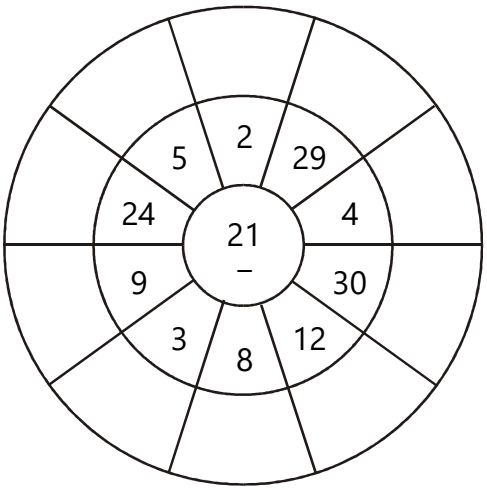
1)



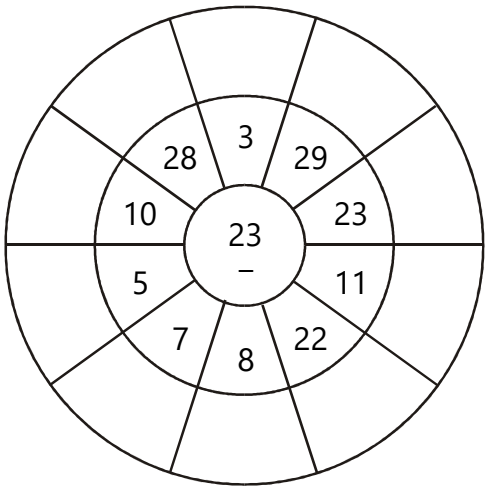
2)



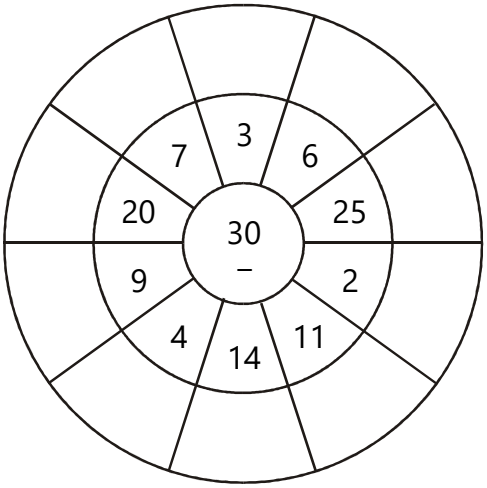
3)



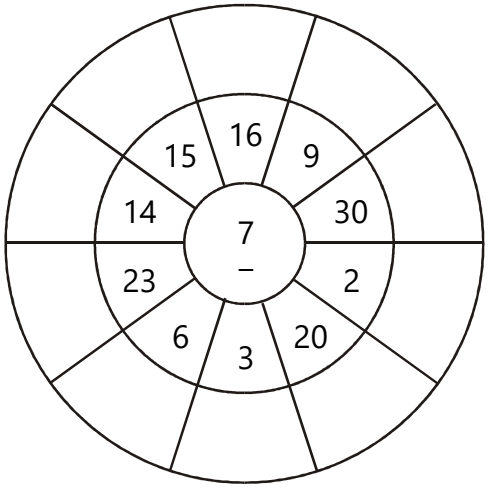
4)



5)



6)

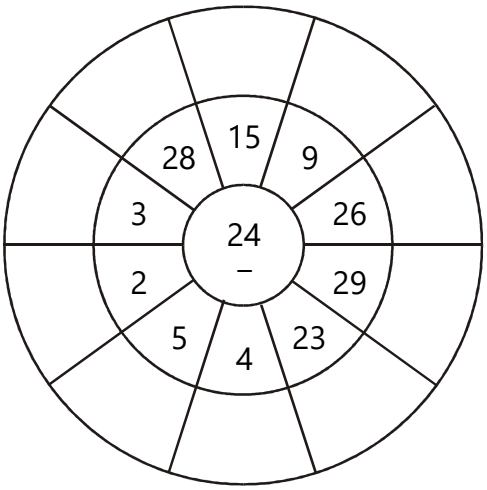


Name:_____ Class:_____ Date:____/____/_____

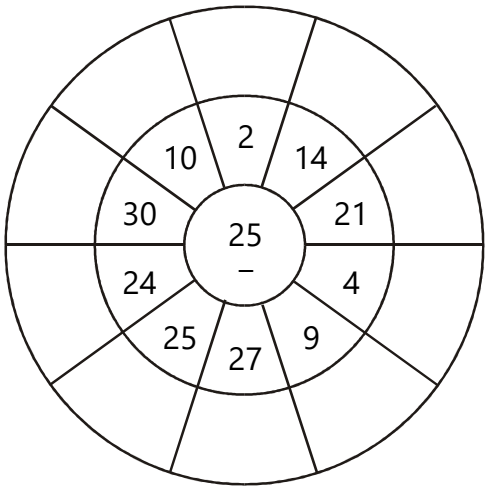
Circle Drills Subtraction 5

Subtract.

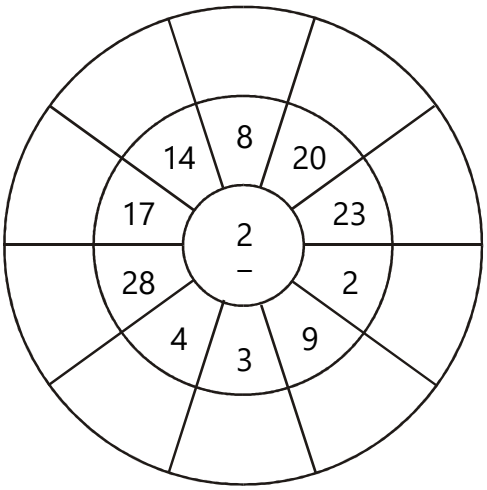
1)



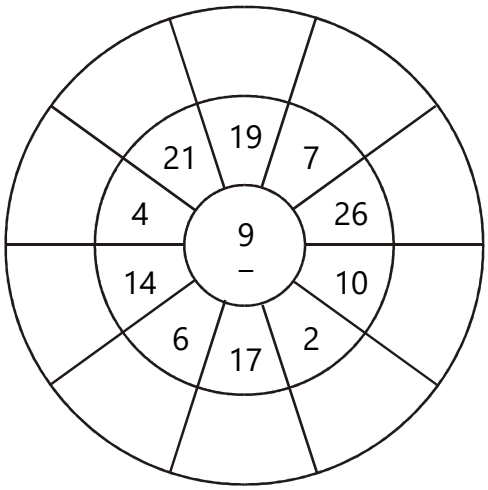
2)



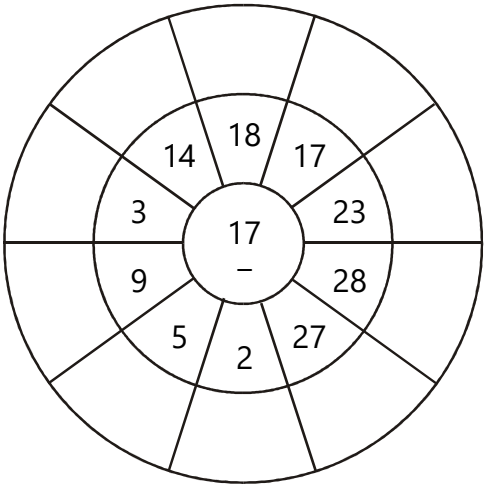
3)



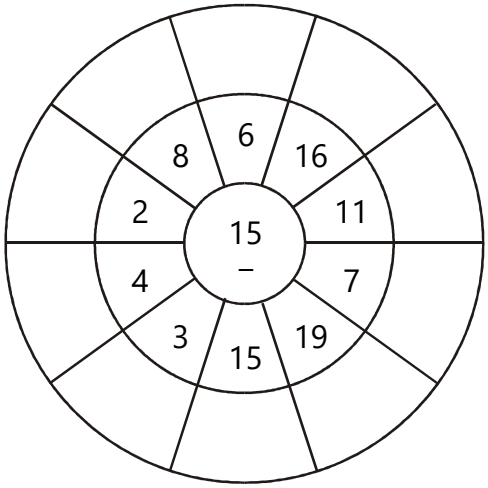
4)



5)



6)



Name:_____ Class:_____ Date:____/____/_____

Counting Table 1

Complete the table.

1) Count by 7 from 24 to 129

2) Count by 10 from 4 to 154

3) Count by 6 from 19 to 109

4) Count by 12 from 6 to 186

5) Count by 3 from 12 to 57

6) Count by 10 from 18 to 168

7) Count by 9 from 15 to 150

8) Count by 10 from 10 to 160

9) Count by 7 from 18 to 123

10) Count by 6 from 28 to 118

11) Count by 5 from 24 to 99

12) Count by 10 from 23 to 173

Name:_____ Class:_____ Date:____/____/_____

Counting Table 2

Complete the table.

1) Count by 8 from 14 to 134

2) Count by 8 from 7 to 127

3) Count by 9 from 4 to 139

4) Count by 7 from 2 to 107

5) Count by 8 from 26 to 146

6) Count by 9 from 15 to 150

7) Count by 10 from 17 to 167

8) Count by 5 from 12 to 87

9) Count by 6 from 26 to 116

10) Count by 4 from 28 to 88

11) Count by 8 from 12 to 132

12) Count by 12 from 17 to 197

Name:_____ Class:_____ Date:____/____/_____

Counting Table 3

Complete the table.

1) Count by 8 from 10 to 130

2) Count by 8 from 26 to 146

3) Count by 8 from 19 to 139

4) Count by 4 from 21 to 81

5) Count by 12 from 3 to 183

6) Count by 7 from 30 to 135

7) Count by 12 from 22 to 202

8) Count by 7 from 2 to 107

9) Count by 12 from 23 to 203

10) Count by 12 from 25 to 205

11) Count by 10 from 10 to 160

12) Count by 7 from 29 to 134

Name:_____ Class:_____ Date:____/____/_____

Counting Table 4

Complete the table.

1) Count by 5 from 2 to 77

2) Count by 7 from 15 to 120

3) Count by 7 from 28 to 133

4) Count by 3 from 8 to 53

5) Count by 6 from 4 to 94

6) Count by 8 from 13 to 133

7) Count by 7 from 20 to 125

8) Count by 6 from 2 to 92

9) Count by 8 from 30 to 150

10) Count by 7 from 23 to 128

11) Count by 2 from 10 to 40

12) Count by 6 from 21 to 111

Name:_____ Class:_____ Date:____/____/_____

Counting Table 5

Complete the table.

1) Count by 6 from 8 to 98

2) Count by 12 from 26 to 206

3) Count by 6 from 6 to 96

4) Count by 10 from 9 to 159

5) Count by 10 from 20 to 170

6) Count by 8 from 19 to 139

7) Count by 3 from 25 to 70

8) Count by 3 from 3 to 48

9) Count by 11 from 10 to 175

10) Count by 7 from 27 to 132

11) Count by 2 from 4 to 34

12) Count by 7 from 10 to 115

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 1

Complete the table.

1)

+	6	5	14	15	11
12					
15					
8					
11					
3					

2)

+	6	16	4	7	15
2					
13					
11					
7					
16					

3)

+	5	14	2	16	7
8					
4					
13					
16					
18					

4)

+	2	7	18	5	4
7					
11					
9					
10					
12					

5)

+	5	8	12	2	7
4					
10					
12					
20					
13					

6)

+	18	9	4	12	19
9					
4					
10					
12					
13					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 2

Complete the table.

1)

+	3	19	20	2	12
16					
3					
17					
6					
20					

2)

+	8	11	15	20	6
15					
3					
16					
7					
4					

3)

+	19	15	8	2	4
6					
2					
10					
14					
15					

4)

+	11	3	9	5	2
6					
11					
16					
12					
19					

5)

+	18	5	14	10	19
16					
3					
8					
20					
2					

6)

+	5	14	7	11	9
20					
17					
16					
8					
14					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 3

Complete the table.

1)

+	20	14	12	3	7
2					
12					
16					
8					
10					

2)

+	12	8	5	14	7
9					
18					
8					
12					
3					

3)

+	6	11	4	18	12
19					
16					
5					
12					
14					

4)

+	12	18	10	2	6
12					
13					
14					
10					
5					

5)

+	16	5	6	7	11
11					
9					
10					
7					
12					

6)

+	8	12	4	14	6
9					
13					
19					
2					
14					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 4

Complete the table.

1)

+	13	16	11	17	8
14					
17					
19					
10					
7					

2)

+	8	7	14	6	10
6					
16					
4					
2					
12					

3)

+	7	10	12	6	2
17					
7					
16					
11					
13					

4)

+	12	2	15	17	11
12					
3					
6					
16					
2					

5)

+	2	19	8	18	16
16					
10					
13					
6					
5					

6)

+	11	19	3	14	9
20					
2					
13					
17					
15					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 5

Complete the table.

1)

+	10	12	15	7	14
19					
2					
3					
11					
6					

2)

+	11	7	15	20	2
20					
7					
17					
5					
4					

3)

+	15	2	18	14	12
6					
5					
10					
20					
8					

4)

+	11	17	4	3	15
5					
4					
20					
15					
12					

5)

+	6	9	15	2	11
13					
16					
3					
9					
8					

6)

+	13	14	16	6	11
17					
8					
16					
12					
19					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 1

Complete the table.

1)

÷	94	144	133	143	109
10					
7					
8					
4					
11					

2)

÷	37	36	105	140	126
9					
3					
2					
8					
6					

3)

÷	33	118	137	13	131
11					
7					
6					
2					
9					

4)

÷	37	121	129	73	26
5					
10					
3					
2					
6					

5)

÷	42	32	52	93	70
8					
4					
5					
11					
2					

6)

÷	73	37	140	142	123
12					
2					
3					
4					
5					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 2

Complete the table.

1)

÷	120	79	112	57	62
4					
11					
7					
6					
9					

2)

÷	88	117	105	49	64
12					
4					
6					
11					
2					

3)

÷	133	57	119	138	40
2					
11					
4					
3					
12					

4)

÷	117	135	118	126	44
2					
7					
5					
9					
10					

5)

÷	94	35	48	86	85
2					
12					
10					
3					
6					

6)

÷	140	78	124	12	88
5					
8					
7					
9					
10					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 3

Complete the table.

1)

÷	76	73	32	59	62
6					
9					
4					
5					
3					

2)

÷	82	63	100	141	130
7					
4					
2					
8					
11					

3)

÷	69	139	125	101	112
11					
3					
4					
2					
7					

4)

÷	80	21	23	133	90
8					
6					
10					
4					
11					

5)

÷	17	130	139	80	98
12					
6					
8					
4					
9					

6)

÷	16	37	79	76	95
7					
10					
3					
12					
4					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 4

Complete the table.

1)

÷	96	14	54	88	20
5					
11					
10					
2					
4					

2)

÷	66	14	95	126	130
5					
7					
9					
11					
6					

3)

÷	19	107	23	28	119
4					
12					
9					
5					
2					

4)

÷	87	63	72	58	21
8					
5					
6					
11					
10					

5)

÷	76	125	113	98	79
9					
8					
10					
11					
7					

6)

÷	57	40	113	137	22
11					
6					
12					
3					
10					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 5

Complete the table.

1)

÷	93	50	78	125	25
4					
2					
8					
11					
12					

2)

÷	91	48	18	84	69
2					
8					
10					
7					
5					

3)

÷	100	127	26	30	52
9					
5					
8					
4					
11					

4)

÷	103	101	44	74	31
9					
7					
6					
3					
11					

5)

÷	23	52	66	93	77
11					
7					
6					
5					
8					

6)

÷	95	110	139	136	57
5					
8					
4					
12					
2					

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 1

Complete the table.

1)

✖	7	8	11	6	4
3					
6					
9					
8					
4					

2)

✖	11	3	8	12	4
3					
10					
12					
6					
11					

3)

✖	7	10	8	3	2
7					
4					
3					
9					
12					

4)

✖	4	12	6	5	9
11					
7					
12					
3					
10					

5)

✖	6	10	3	12	8
2					
11					
9					
12					
6					

6)

✖	4	5	3	2	11
10					
2					
3					
7					
12					

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 2

Complete the table.

1)

✖	5	4	8	10	9
5					
3					
12					
11					
7					

2)

✖	2	11	10	8	6
10					
7					
6					
9					
5					

3)

✖	3	12	9	8	10
10					
4					
11					
5					
3					

4)

✖	11	12	3	6	4
10					
4					
7					
5					
2					

5)

✖	4	6	9	5	11
11					
5					
8					
12					
3					

6)

✖	4	5	7	8	3
7					
4					
3					
12					
11					

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 3

Complete the table.

1)

✖	9	3	4	5	6
11					
6					
3					
5					
12					

2)

✖	5	8	2	7	11
10					
9					
11					
3					
12					

3)

✖	2	11	9	7	10
9					
3					
8					
2					
4					

4)

✖	3	5	6	12	8
5					
9					
8					
11					
7					

5)

✖	7	12	11	5	3
8					
7					
5					
11					
12					

6)

✖	9	2	5	10	7
5					
10					
7					
4					
12					

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 4

Complete the table.

1)

✖	2	11	7	6	3
5					
4					
2					
10					
11					

2)

✖	9	5	6	3	11
5					
6					
4					
7					
8					

3)

✖	6	5	2	3	4
5					
4					
6					
3					
8					

4)

✖	9	11	6	7	8
5					
10					
8					
2					
6					

5)

✖	3	4	6	11	9
8					
7					
4					
3					
2					

6)

✖	5	2	11	8	6
11					
5					
7					
2					
12					

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 5

Complete the table.

1)

✖	9	10	11	4	12
12					
10					
3					
6					
7					

2)

✖	2	6	10	4	9
5					
7					
10					
9					
4					

3)

✖	4	3	9	5	7
6					
2					
11					
10					
4					

4)

✖	6	11	2	10	5
9					
2					
6					
5					
8					

5)

✖	9	7	3	4	5
10					
5					
12					
9					
2					

6)

✖	5	6	4	12	9
12					
10					
3					
2					
5					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 1

Complete the table.

1)

−	28	18	23	21	22
6					
2					
4					
3					
10					

2)

−	30	23	13	14	22
7					
6					
10					
2					
8					

3)

−	17	13	22	27	28
2					
8					
10					
4					
9					

4)

−	25	16	26	15	20
6					
7					
9					
4					
3					

5)

−	14	20	21	27	22
3					
7					
4					
8					
5					

6)

−	30	25	14	20	26
10					
8					
5					
3					
6					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 2

Complete the table.

1)

−	19	11	27	12	18
8					
6					
10					
2					
9					

2)

−	23	24	19	22	21
9					
8					
4					
6					
2					

3)

−	12	17	19	20	11
4					
8					
5					
9					
10					

4)

−	15	26	16	27	14
5					
6					
7					
8					
2					

5)

−	12	11	16	22	29
6					
3					
10					
9					
8					

6)

−	22	30	17	18	26
6					
3					
10					
5					
9					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 3

Complete the table.

1)

−	14	26	17	19	16
5					
9					
6					
4					
2					

2)

−	30	21	26	11	27
4					
2					
6					
9					
7					

3)

−	11	12	28	20	14
7					
3					
9					
6					
10					

4)

−	14	24	12	17	20
5					
6					
3					
4					
8					

5)

−	16	19	18	11	28
8					
9					
7					
5					
10					

6)

−	20	28	12	26	14
3					
6					
7					
4					
5					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 4

Complete the table.

1)

−	25	23	28	30	11
8					
7					
4					
3					
10					

2)

−	26	12	21	30	25
7					
4					
10					
6					
5					

3)

−	19	18	13	29	24
2					
10					
8					
5					
7					

4)

−	23	11	16	15	24
4					
6					
2					
3					
8					

5)

−	20	12	17	24	18
9					
3					
7					
8					
10					

6)

−	14	16	26	22	25
10					
8					
3					
6					
5					

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 5

Complete the table.

1)

−	13	23	30	26	27
2					
10					
4					
3					
7					

2)

−	16	22	11	13	30
5					
9					
10					
2					
3					

3)

−	17	11	18	21	29
4					
3					
10					
5					
6					

4)

−	29	22	20	19	13
4					
6					
5					
8					
7					

5)

−	26	14	24	20	30
8					
9					
5					
3					
7					

6)

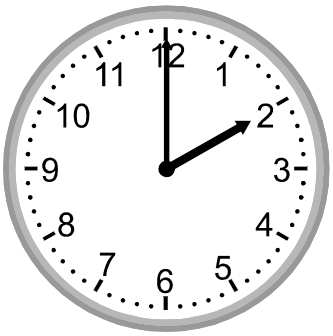
−	25	19	21	11	30
8					
4					
9					
6					
2					

Name:_____ Class:_____ Date:____/____/_____

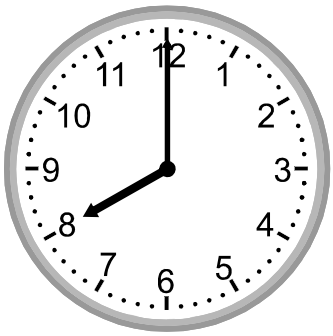
Telling Time 1

Show the time for each clock.

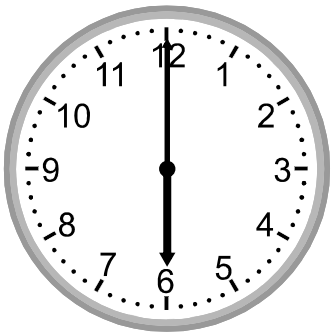
1)



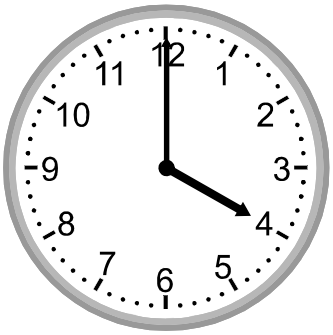
2)



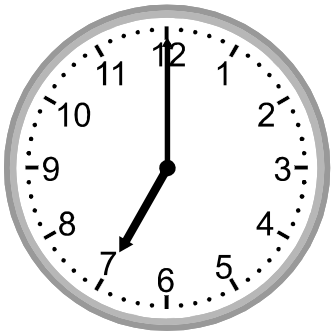
3)



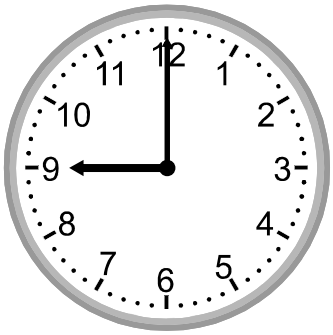
4)



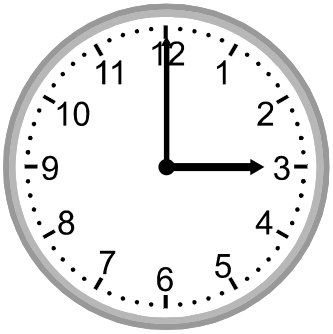
5)



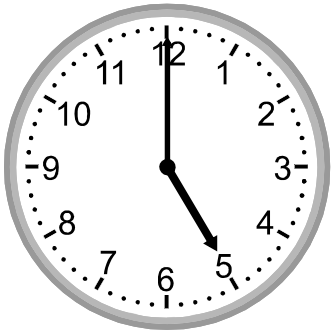
6)



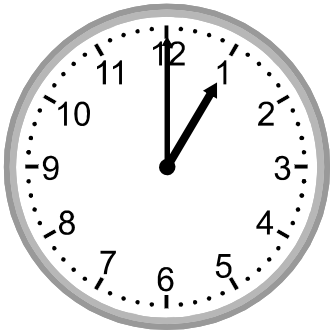
7)



8)



9)

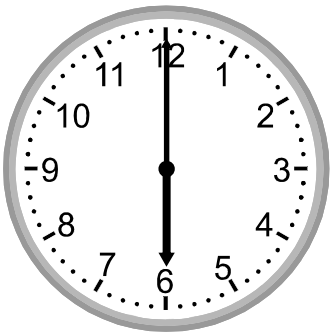


Name:_____ Class:_____ Date:____/____/_____

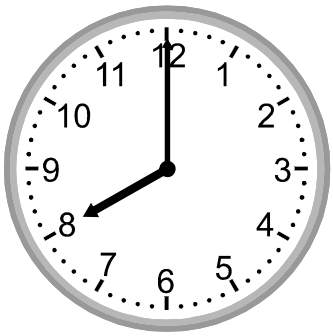
Telling Time 2

Show the time for each clock.

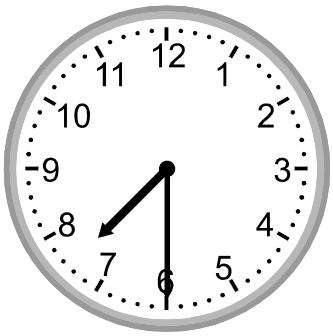
1)



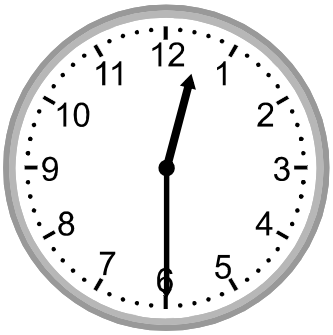
2)



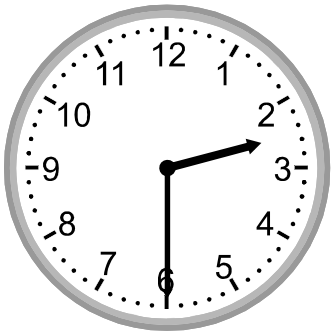
3)



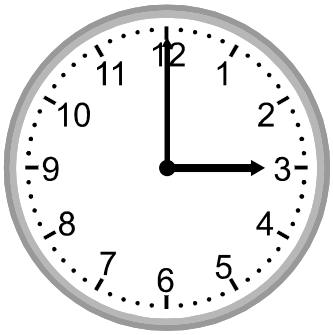
4)



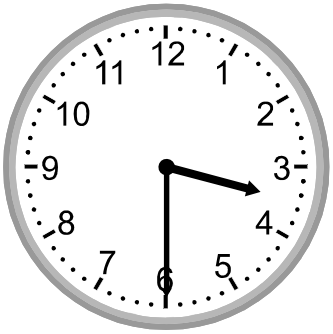
5)



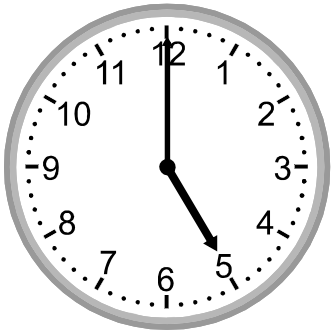
6)



7)



8)



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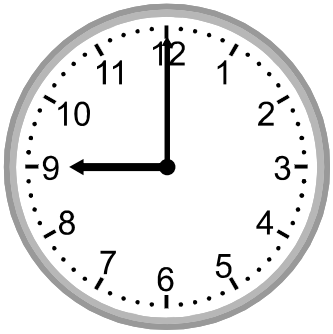
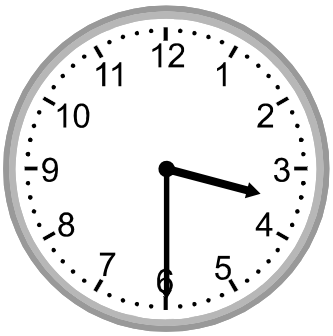


Name:_____ Class:_____ Date:____/____/_____

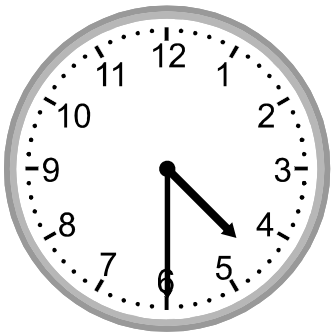
Telling Time 3

Show the time for each clock.

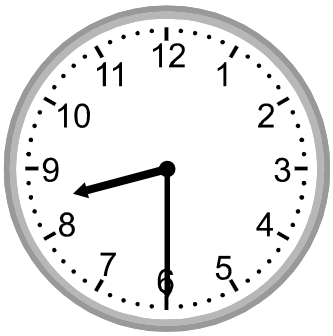
1)



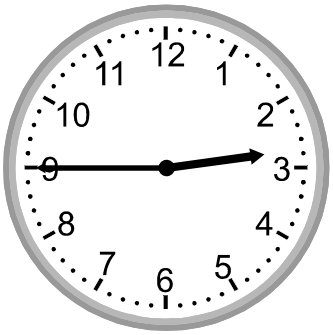
2)



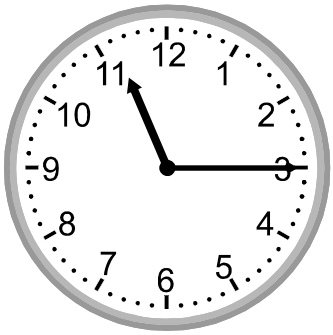
3)



4)



5)



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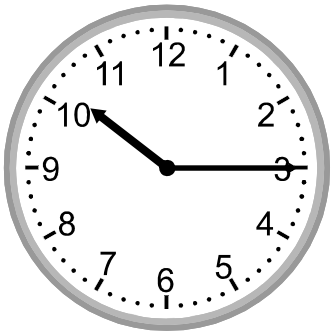
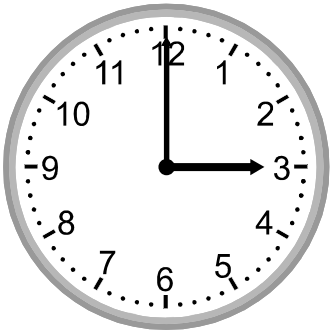


7)



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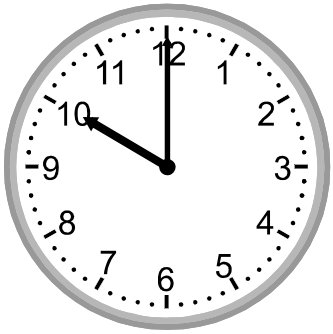
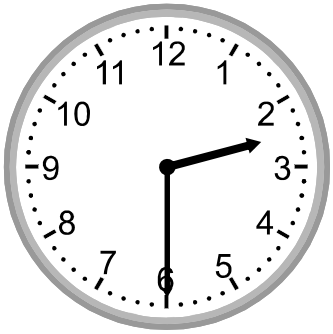


9)

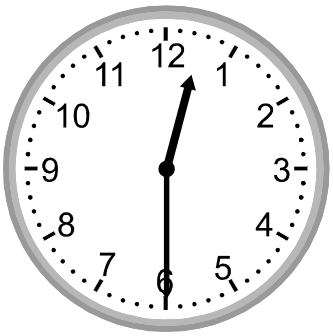


Name:_____ Class:_____ Date:____/____/_____

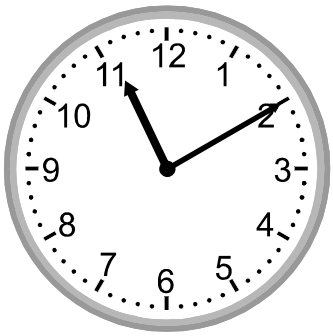
Telling Time 4

Show the time for each clock.

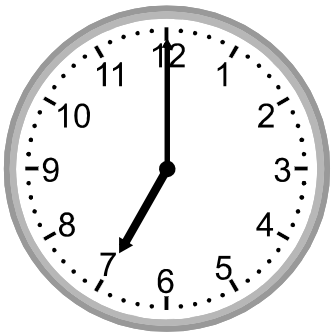
1)



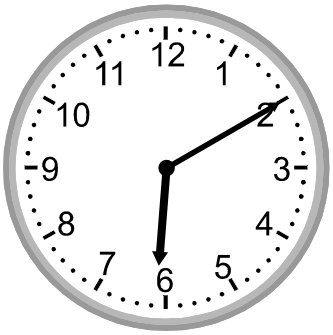
2)



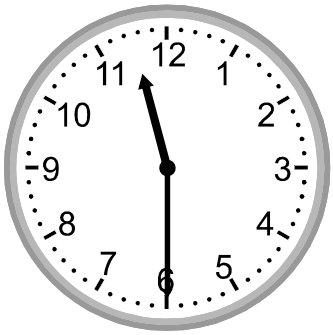
3)



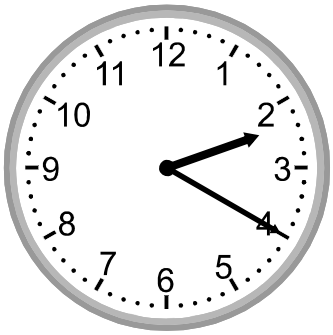
4)



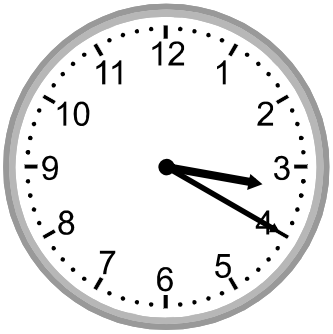
5)



6)



7)



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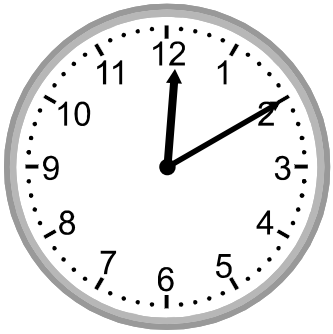
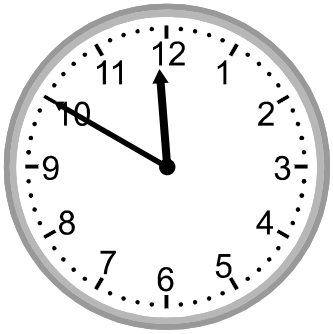


9)

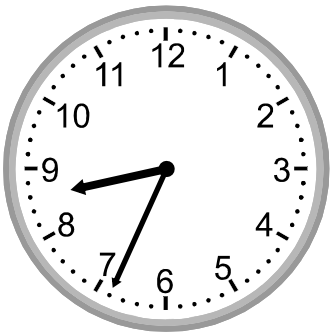


Name:_____ Class:_____ Date:____/____/_____

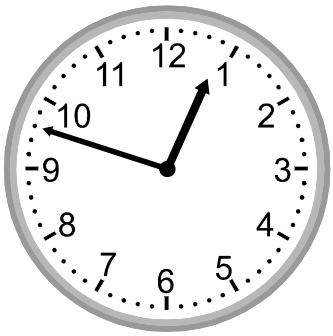
Telling Time 6

Show the time for each clock.

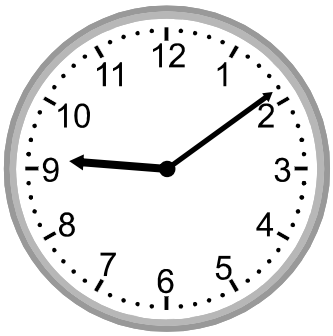
1)



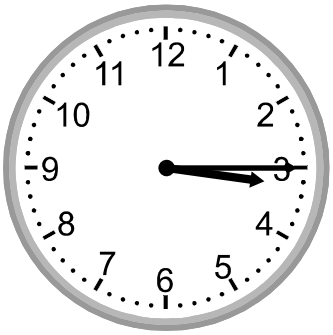
2)



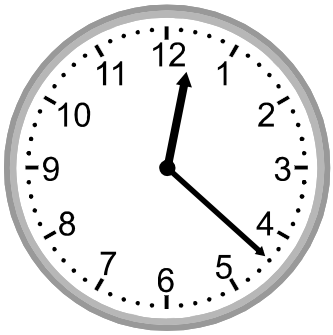
3)



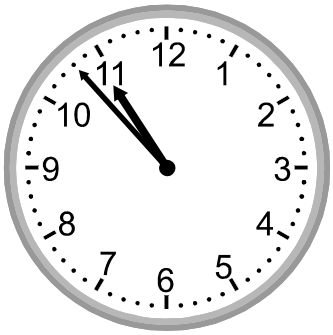
4)



5)



6)



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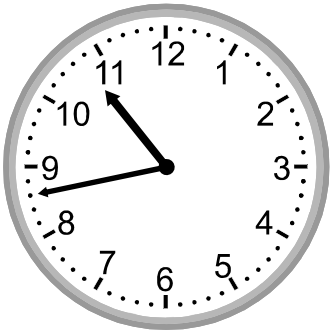

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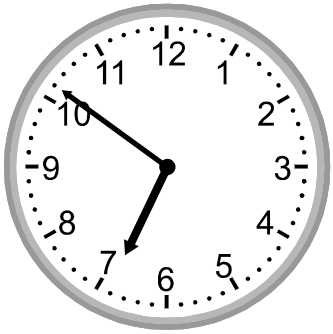

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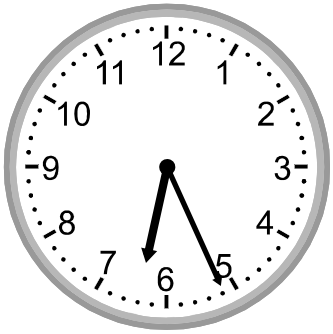

Name:_____ Class:_____ Date:____/____/_____

Telling Time 7

Show the time for each clock.

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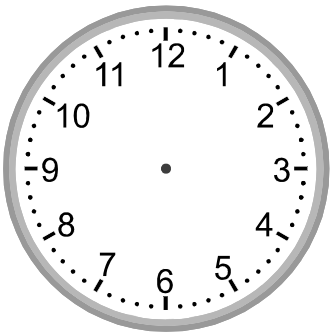

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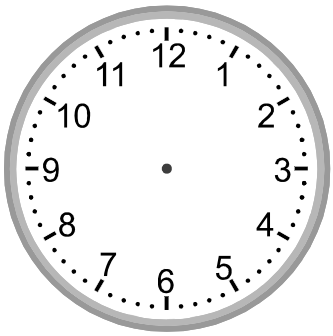

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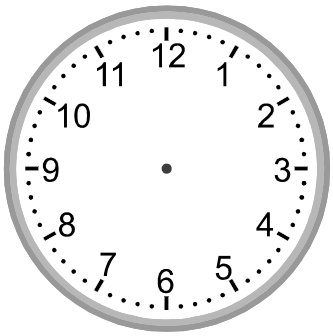

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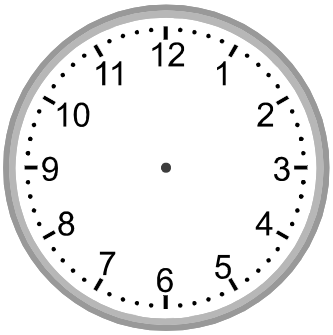

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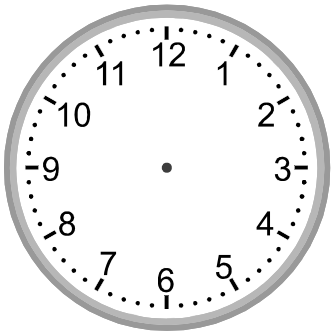

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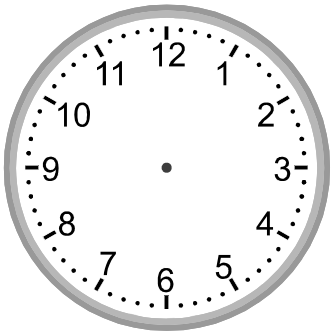

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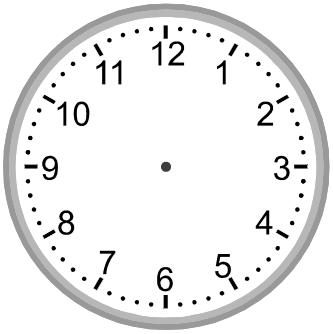

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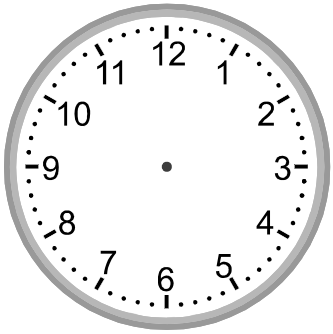

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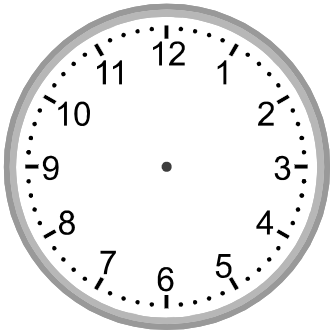

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 8

Show the time for each clock.

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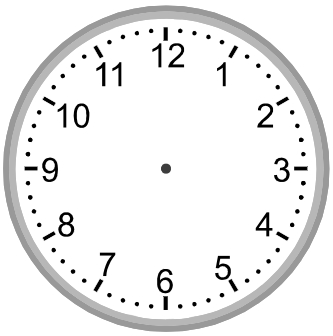

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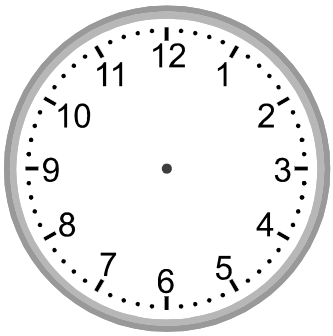

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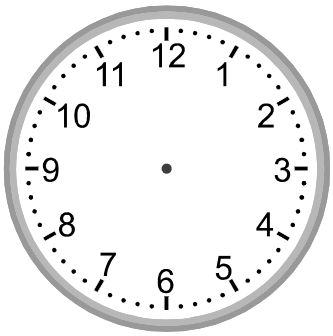

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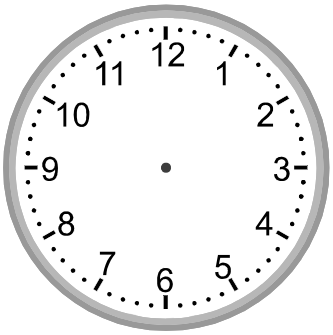

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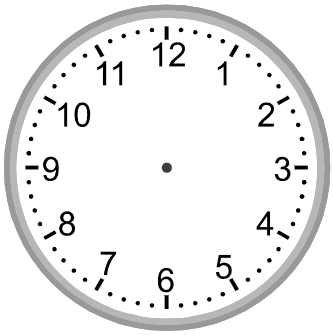

4:00

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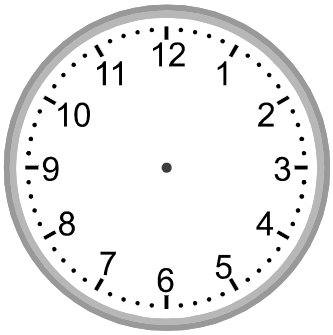

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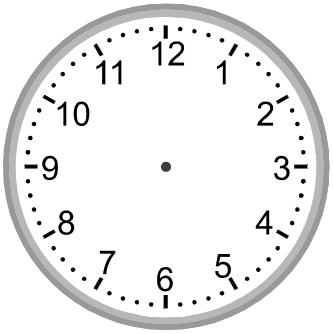

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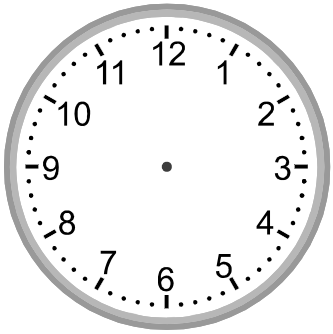

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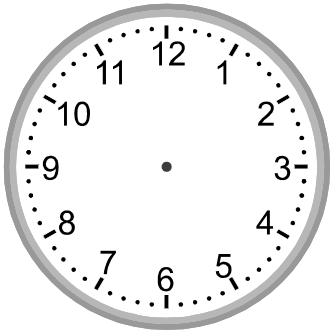

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 9

Show the time for each clock.

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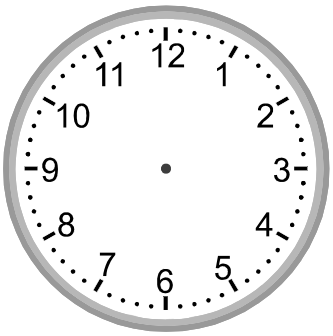

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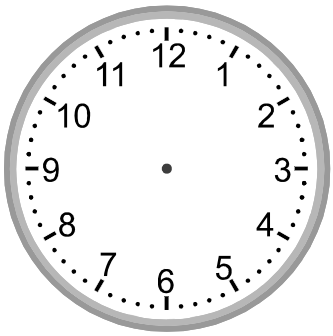

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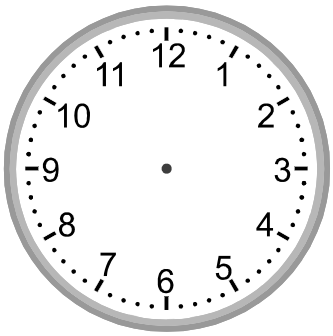

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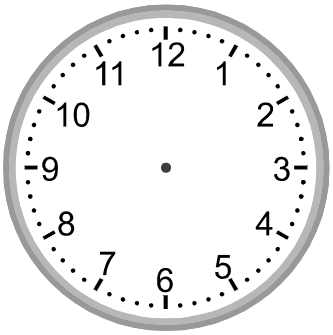

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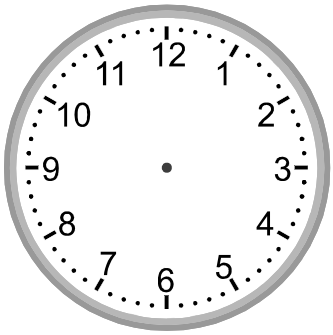

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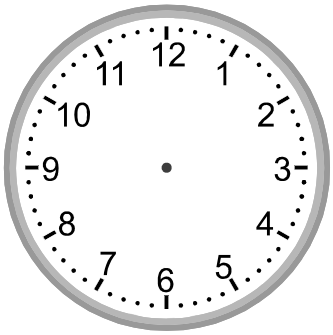

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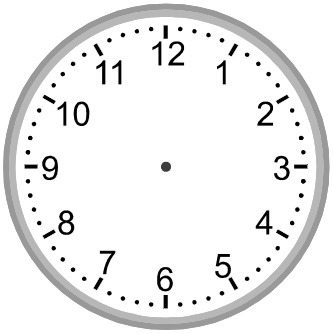

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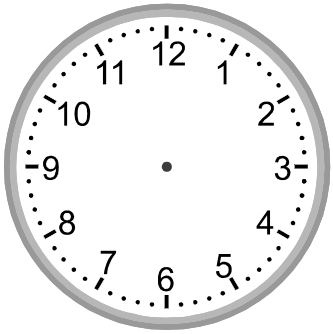

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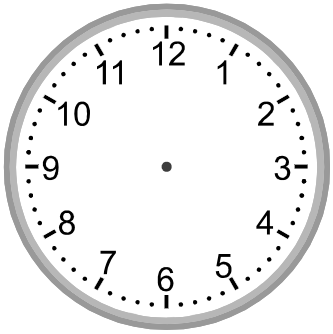

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 10

Show the time for each clock.

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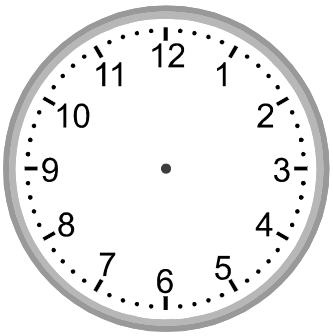

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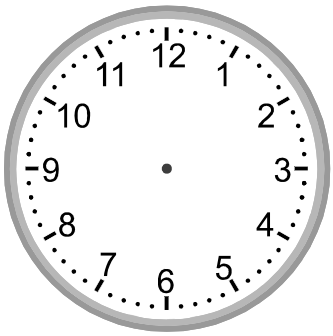

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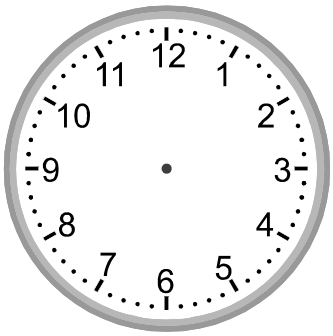

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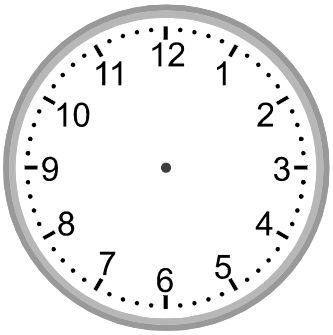

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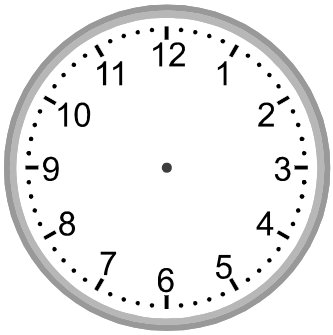

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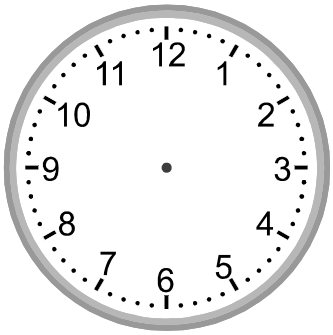

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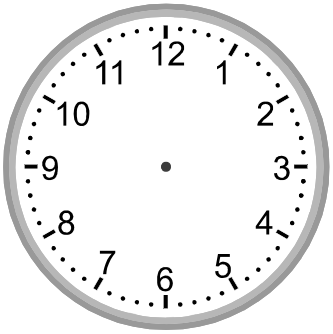

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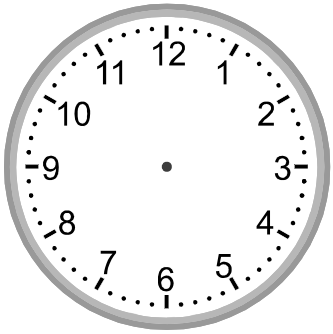

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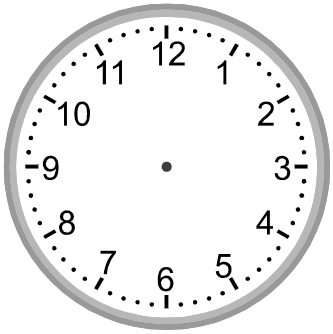

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 11

Show the time for each clock.

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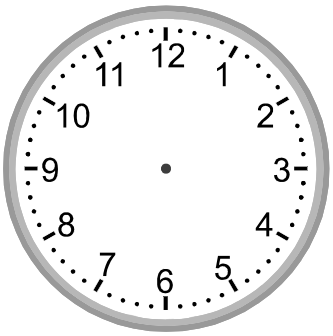

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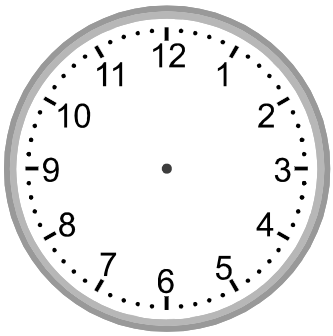

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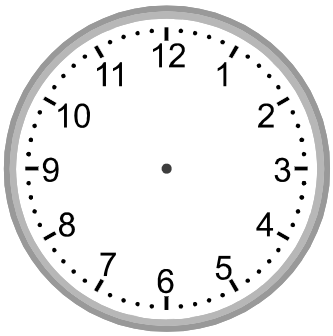

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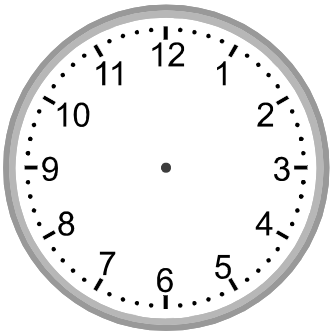

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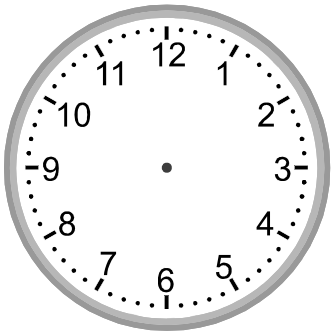

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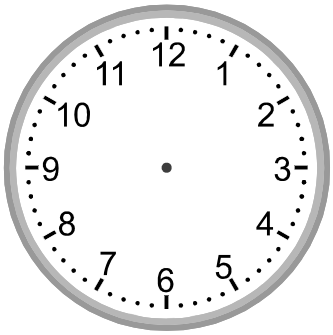

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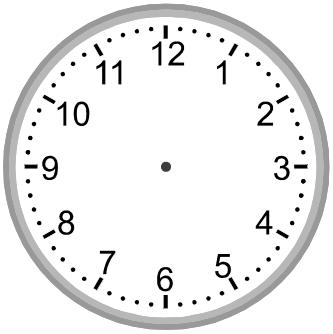

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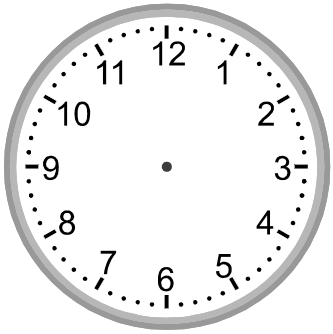

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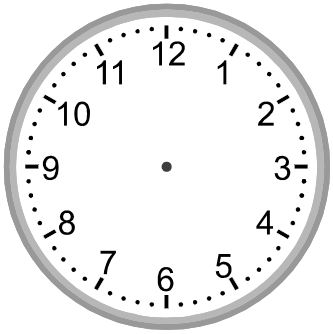

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 12

Show the time for each clock.

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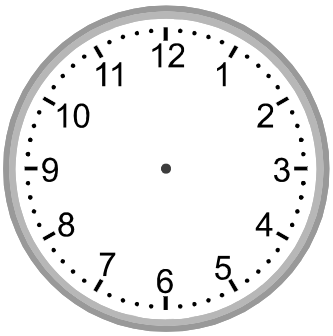

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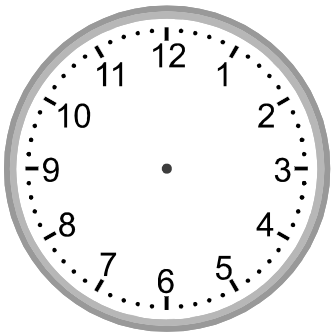

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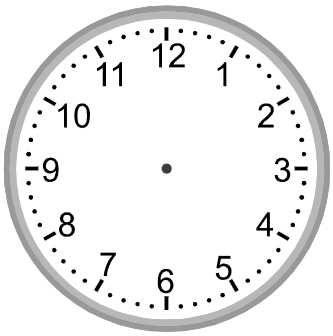

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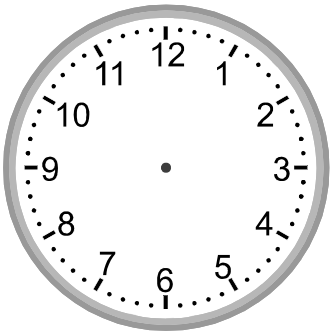

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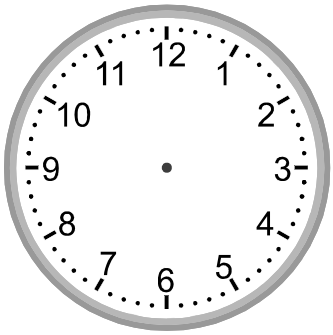

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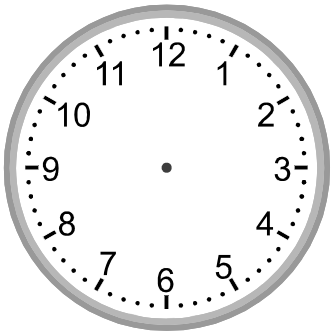

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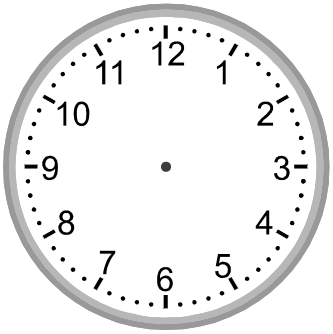

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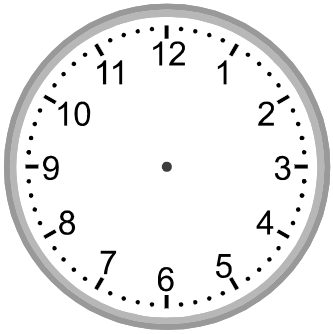

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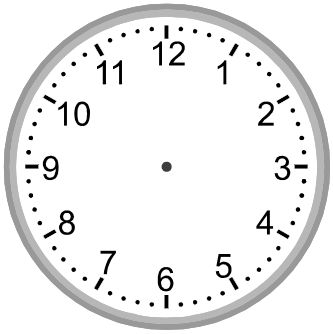

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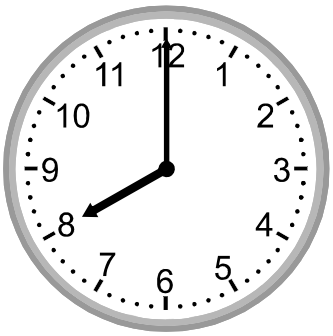
Name:_____ Class:_____ Date:____/____/_____

Telling Time 13

Show the time for each clock.

1)



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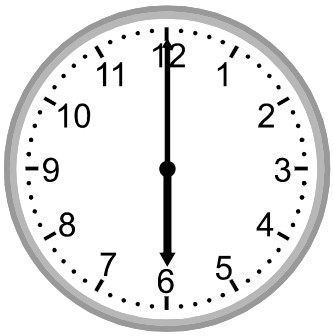

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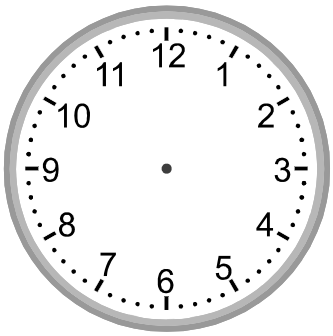

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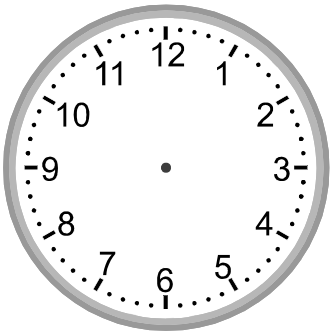

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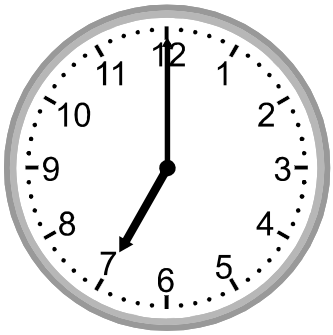

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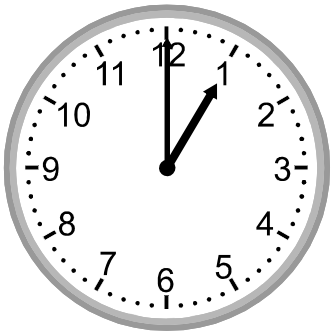

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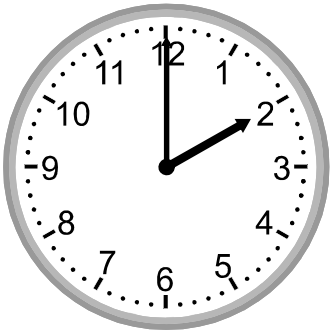

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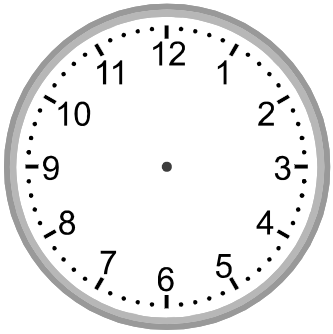

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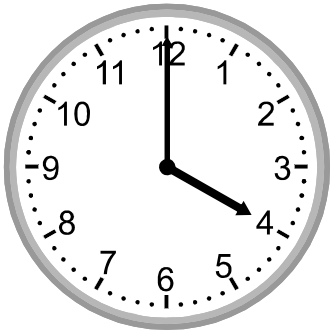
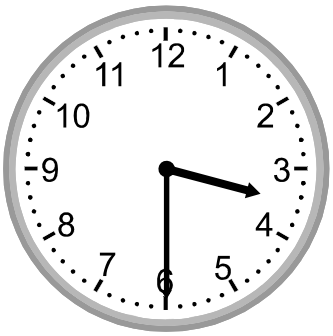


Name:_____ Class:_____ Date:____/____/_____

Telling Time 14

Show the time for each clock.

1)



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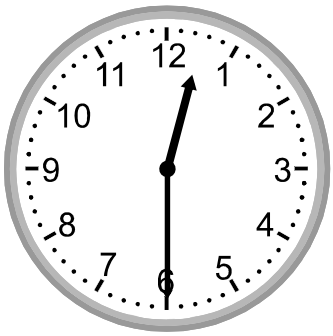

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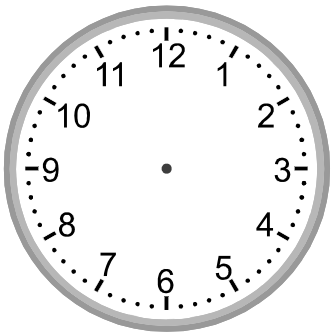

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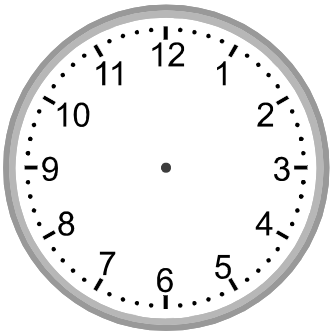

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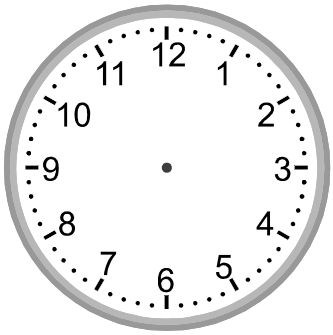

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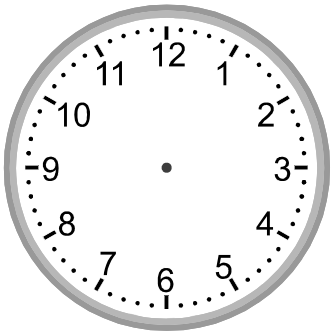

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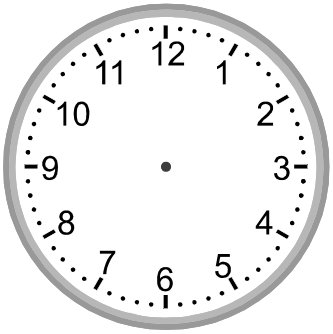

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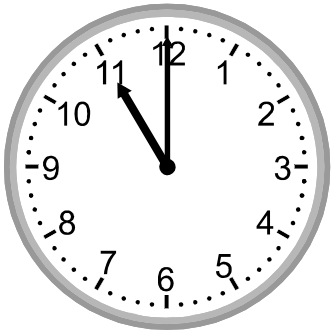

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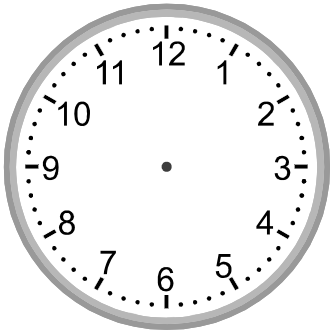

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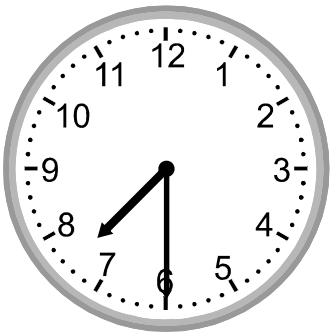
Name:_____ Class:_____ Date:____/____/_____

Telling Time 15

Show the time for each clock.

1)



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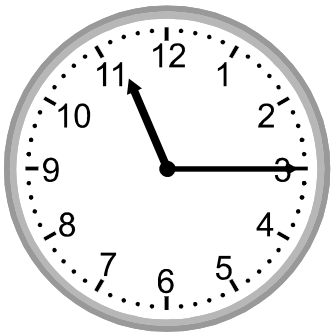

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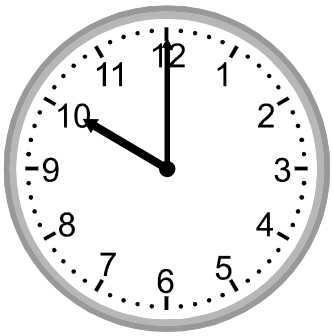

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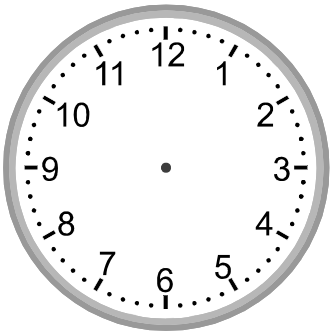

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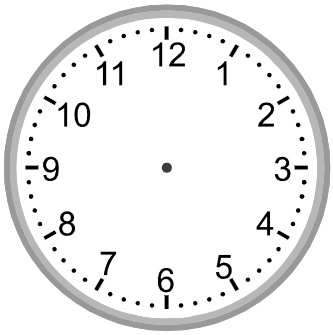

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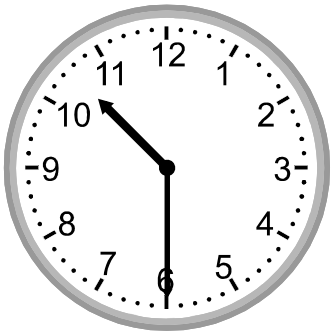

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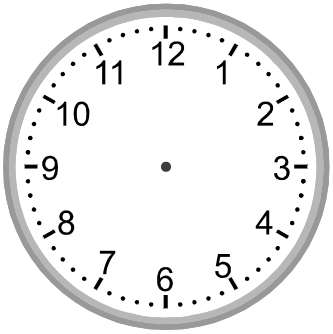

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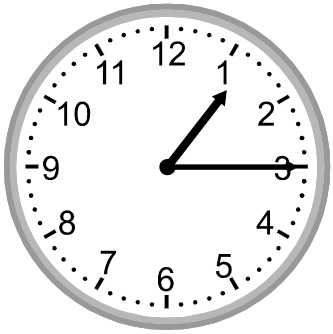

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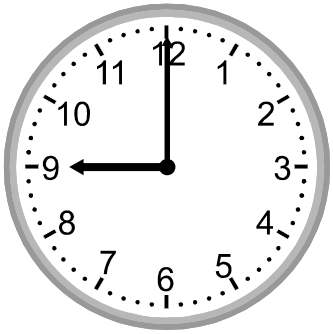

Name:_____ Class:_____ Date:____/____/_____

Telling Time 16

Show the time for each clock.

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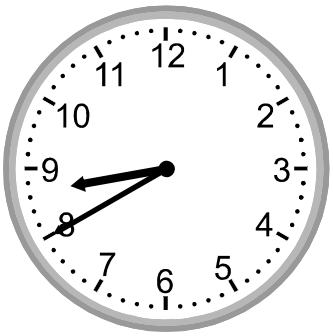

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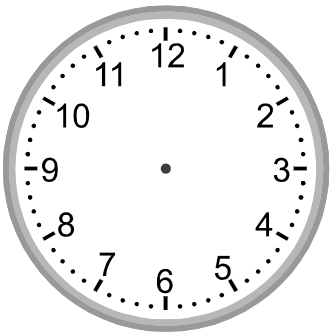

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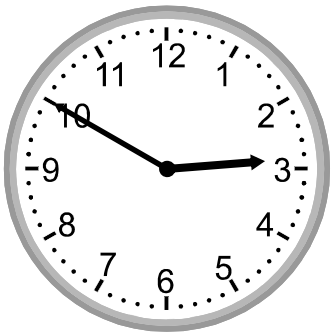

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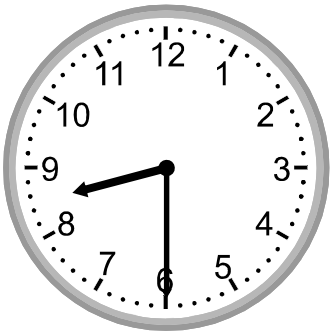

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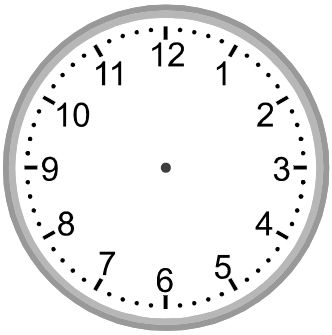

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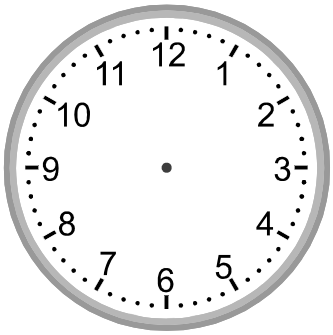

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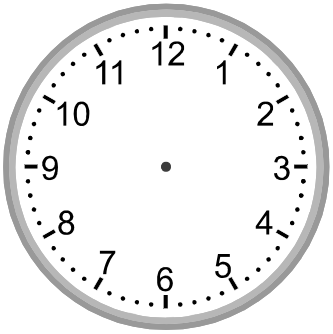

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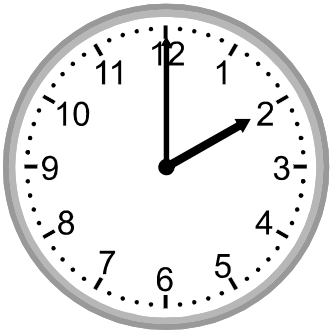

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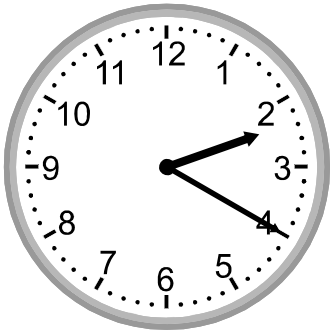
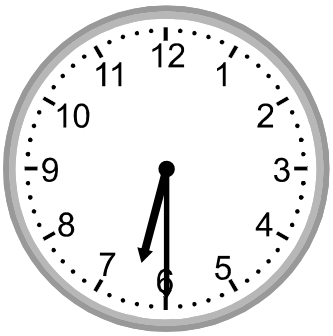


Name:_____ Class:_____ Date:____/____/_____

Telling Time 17

Show the time for each clock.

1)



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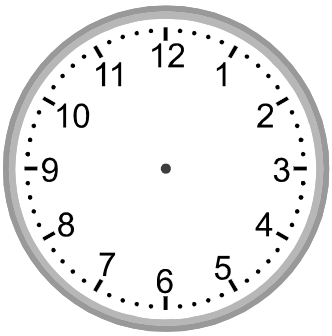

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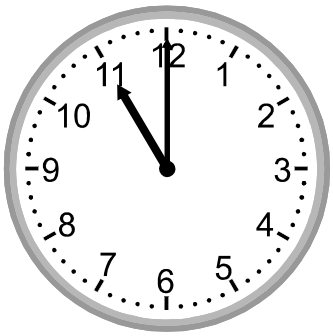

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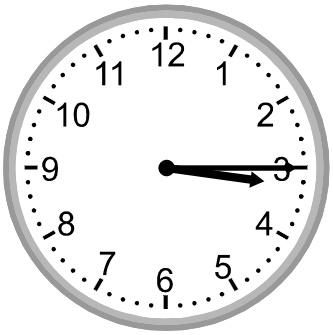

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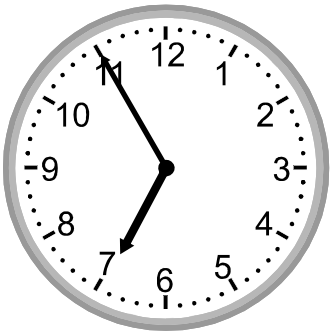

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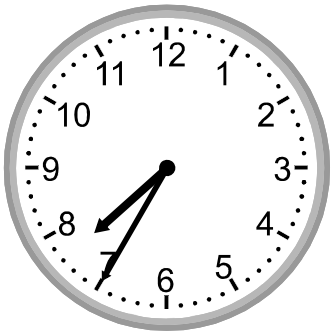

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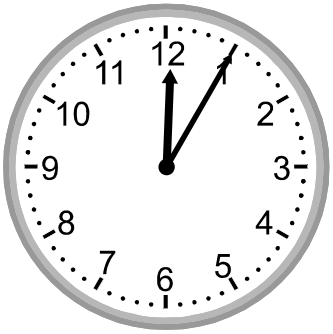

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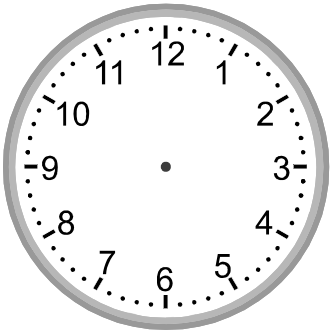

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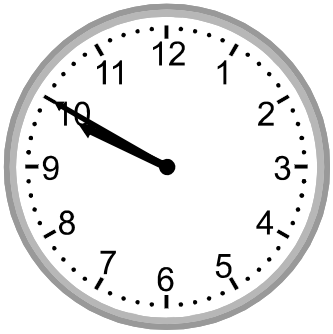
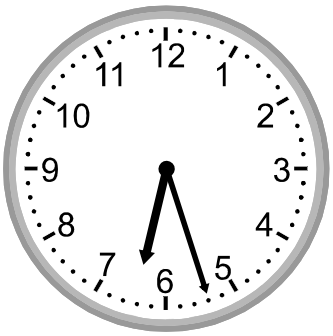


Name:_____ Class:_____ Date:____/____/_____

Telling Time 18

Show the time for each clock.

1)



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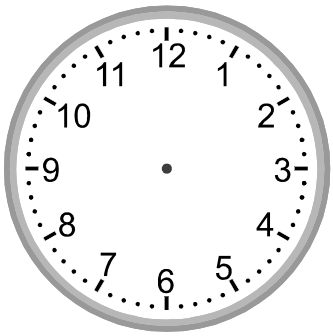
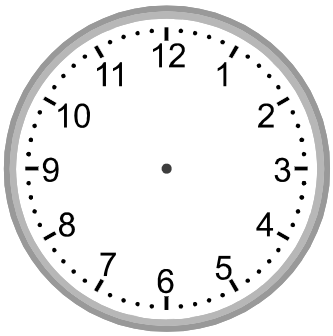


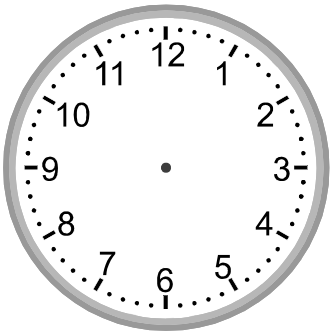
5:00

3)



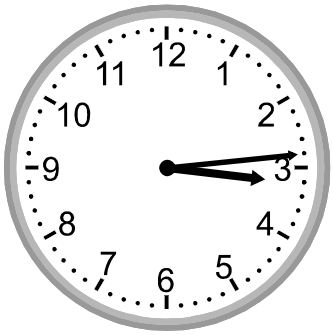
12:14

4)

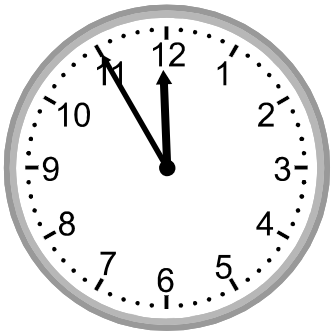


11:04

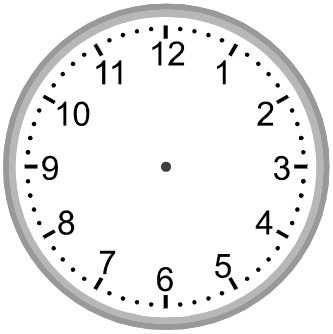
5)



6)

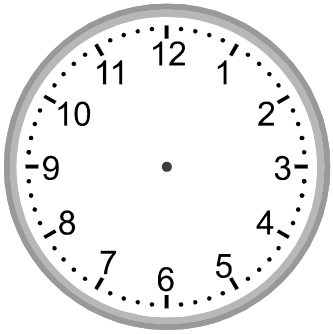


7)



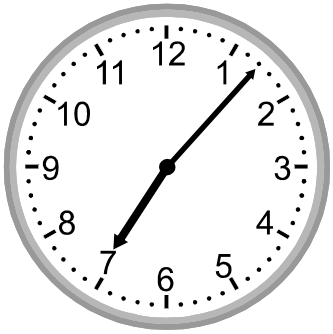
6:19

8)



12:28

9)

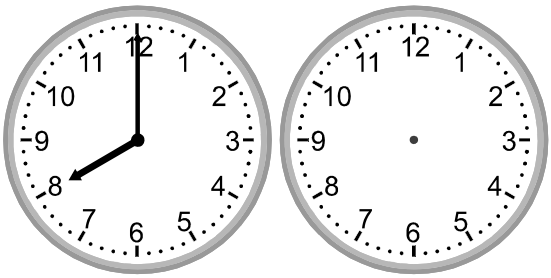


Name:_____ Class:_____ Date:____/____/_____

Time Passages 1

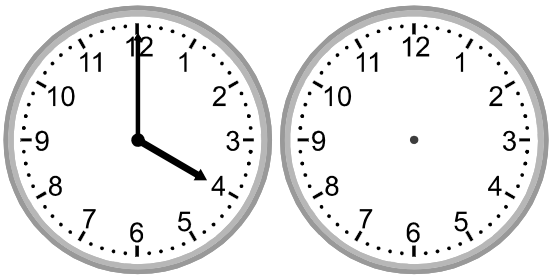
Draw the clock hands to show the passage of time.

1)



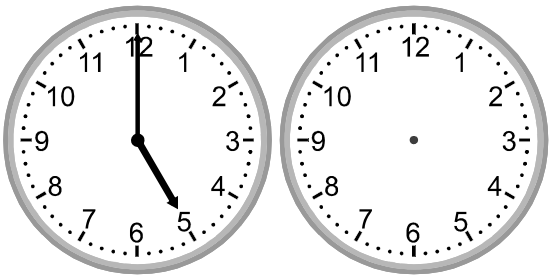
What time will it be in 1 hour?

2)



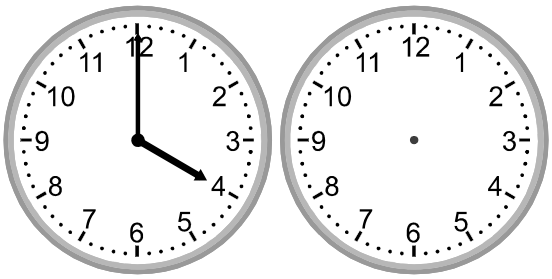
What time will it be in 3 hours?

3)



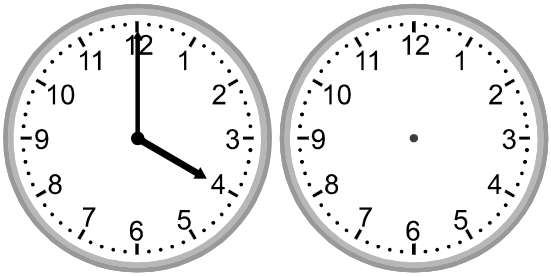
What time will it be in 1 hour?

4)



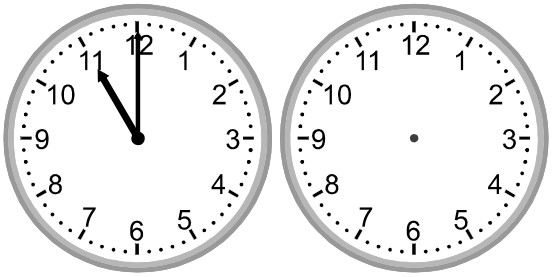
What time will it be in 1 hour?

5)



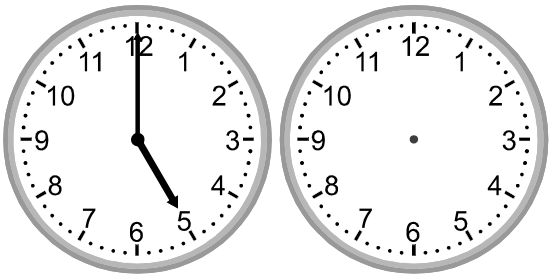
What time will it be in 5 hours?

6)



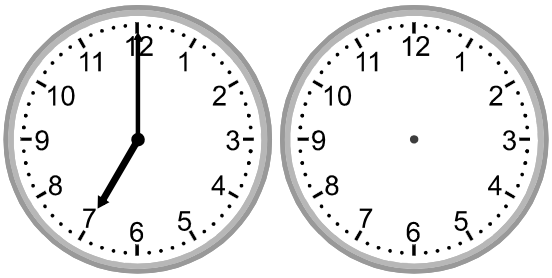
What time will it be in 2 hours?

7)



What time will it be in 4 hours?

8)



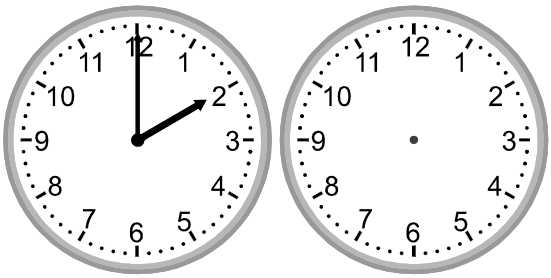
What time will it be in 4 hours?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 2

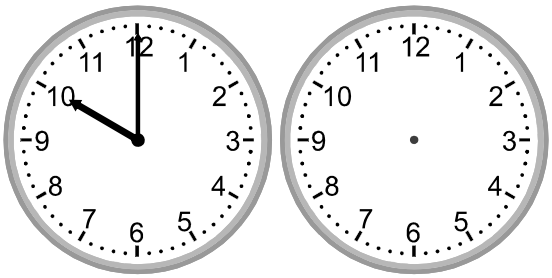
Draw the clock hands to show the passage of time.

1)



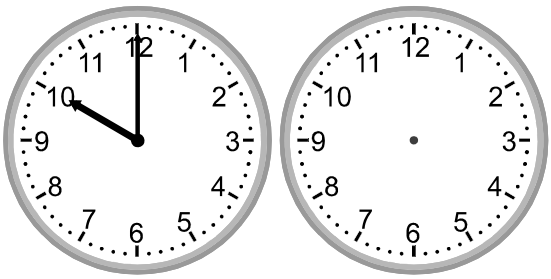
What time will it be in 3 hours 30 minutes?

2)



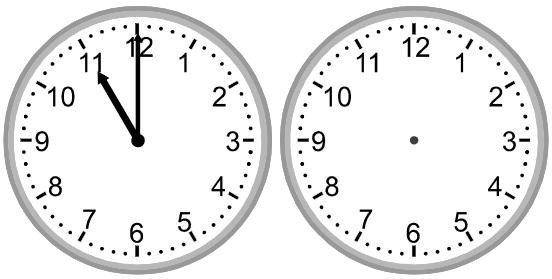
What time will it be in 1 hour?

3)



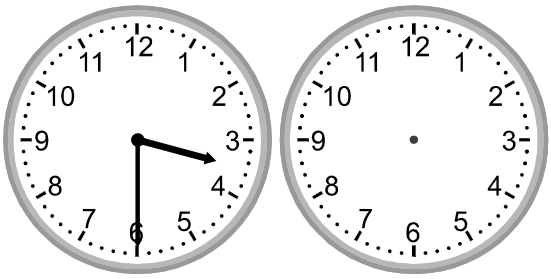
What time will it be in 1 hour 30 minutes?

4)



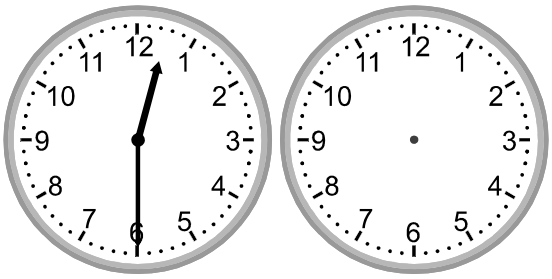
What time will it be in 1 hour 30 minutes?

5)



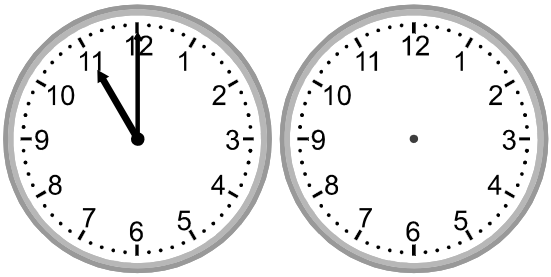
What time will it be in 5 hours?

6)



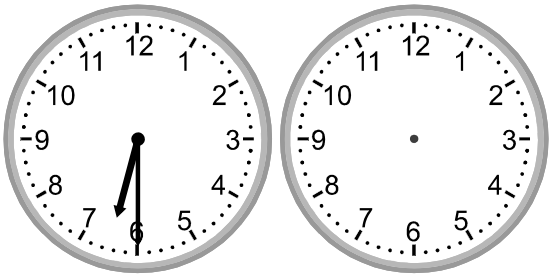
What time will it be in 2 hours?

7)



What time will it be in 3 hours 30 minutes?

8)



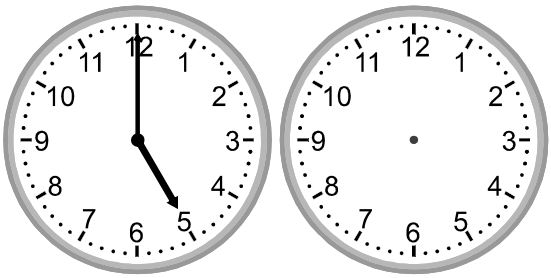
What time will it be in 4 hours 30 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 3

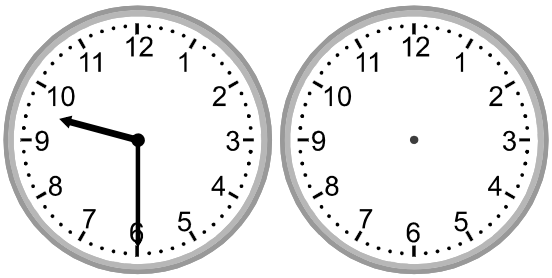
Draw the clock hands to show the passage of time.

1)



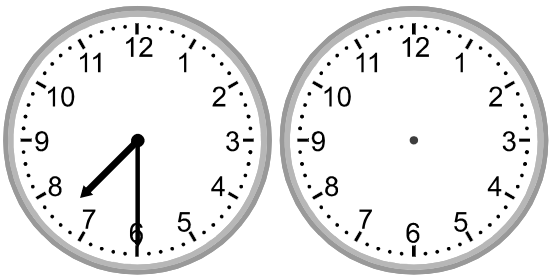
What time will it be in 4 hours 30 minutes?

2)



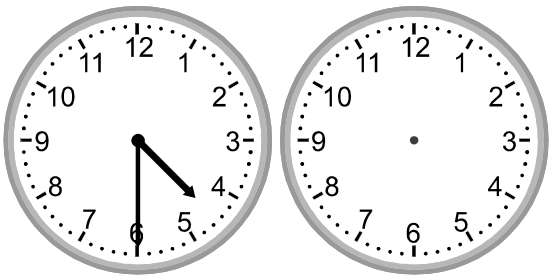
What time will it be in 2 hours?

3)



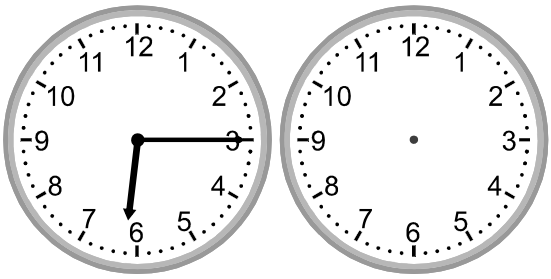
What time will it be in 4 hours 30 minutes?

4)



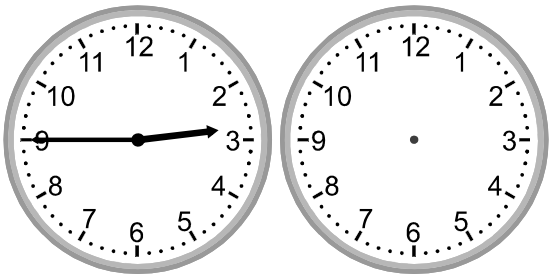
What time will it be in 2 hours 30 minutes?

5)



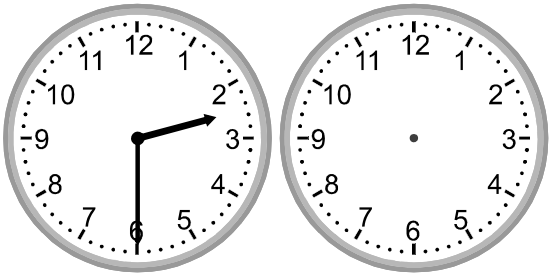
What time will it be in 4 hours 30 minutes?

6)



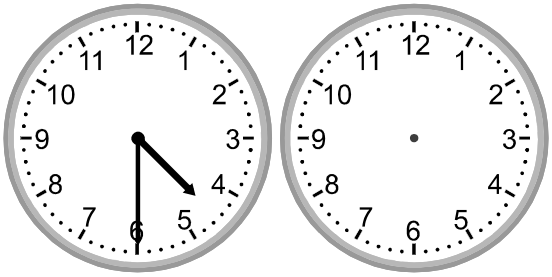
What time will it be in 4 hours 15 minutes?

7)



What time will it be in 2 hours 30 minutes?

8)



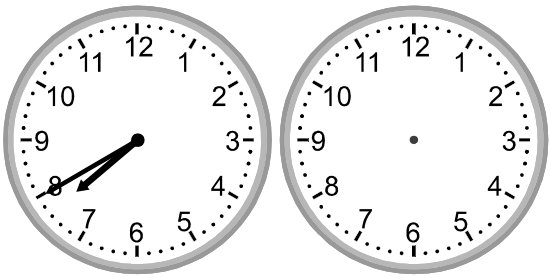
What time will it be in 4 hours 30 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 4

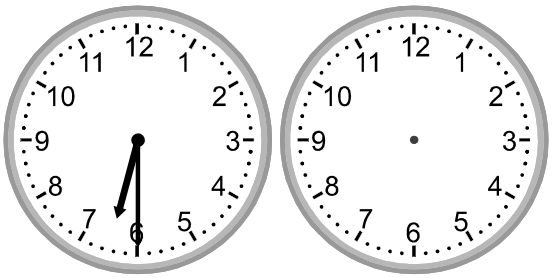
Draw the clock hands to show the passage of time.

1)



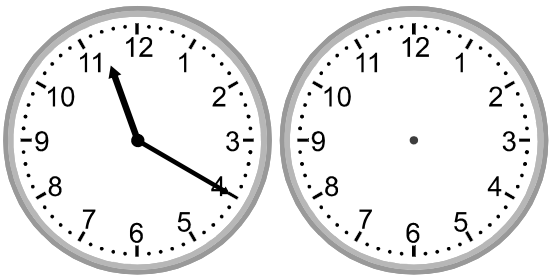
What time will it be in 4 hours?

2)



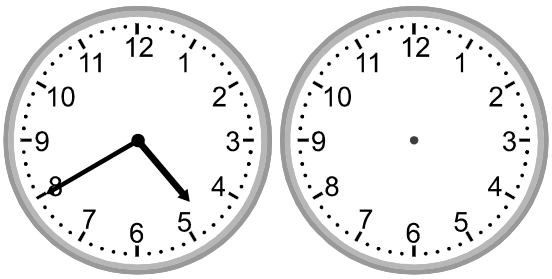
What time will it be in 2 hours 50 minutes?

3)



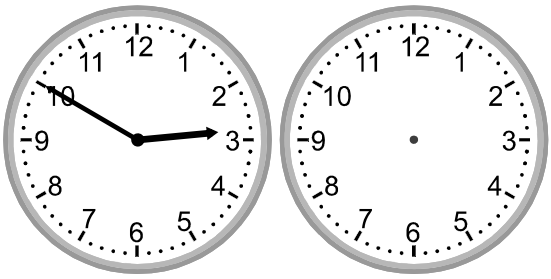
What time will it be in 5 hours 10 minutes?

4)



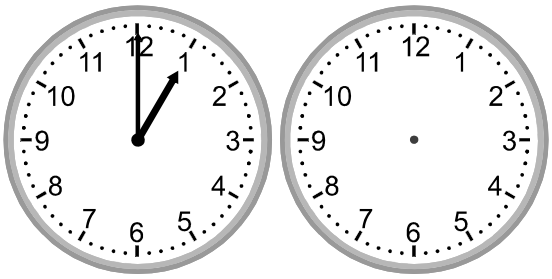
What time will it be in 1 hour 40 minutes?

5)



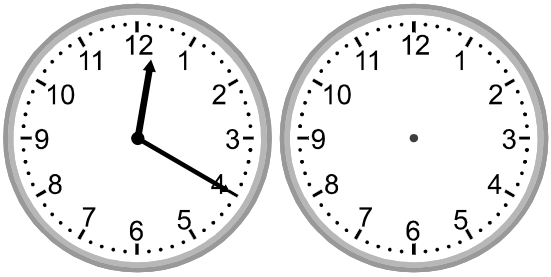
What time will it be in 3 hours?

6)



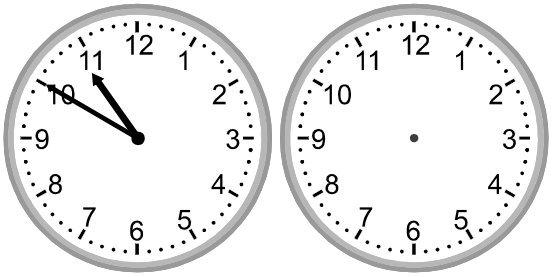
What time will it be in 1 hour 30 minutes?

7)



What time will it be in 1 hour 20 minutes?

8)



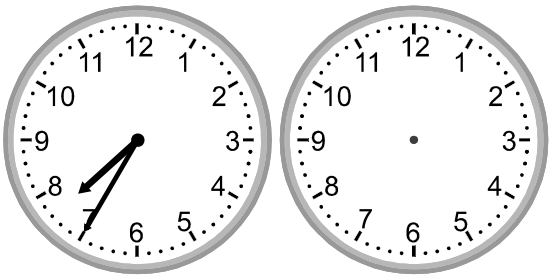
What time will it be in 5 hours?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 5

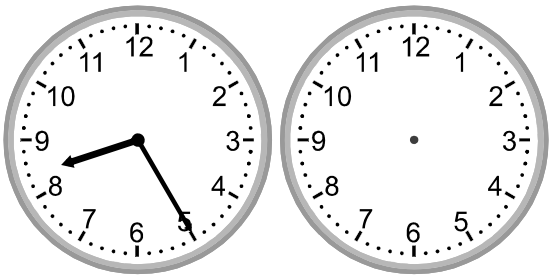
Draw the clock hands to show the passage of time.

1)



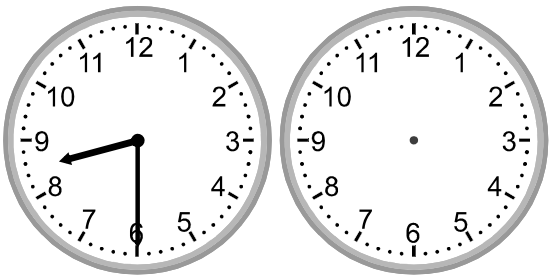
What time will it be in 5 hours?

2)



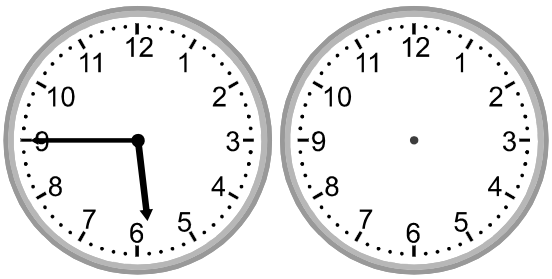
What time will it be in 2 hours 40 minutes?

3)



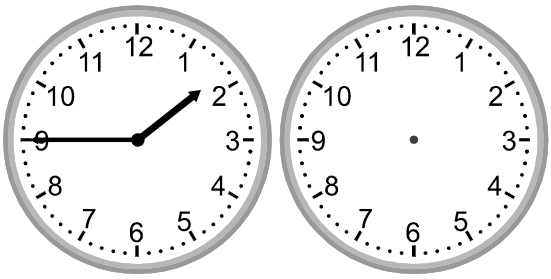
What time will it be in 5 hours 30 minutes?

4)



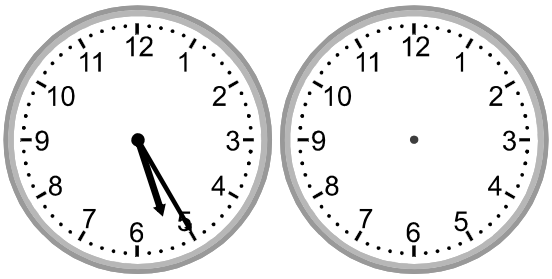
What time will it be in 1 hour 50 minutes?

5)



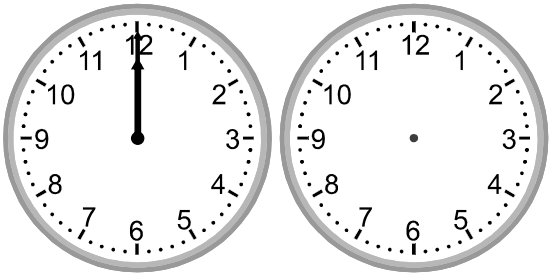
What time will it be in 3 hours 50 minutes?

6)



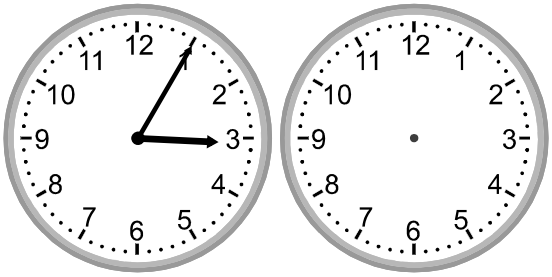
What time will it be in 5 hours 5 minutes?

7)



What time will it be in 3 hours 50 minutes?

8)



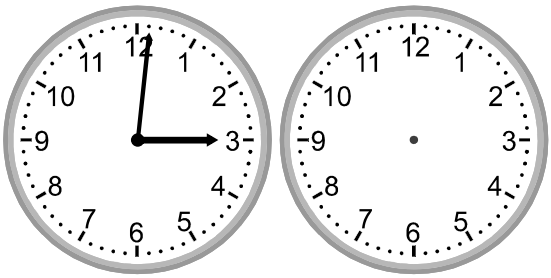
What time will it be in 4 hours 25 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 6

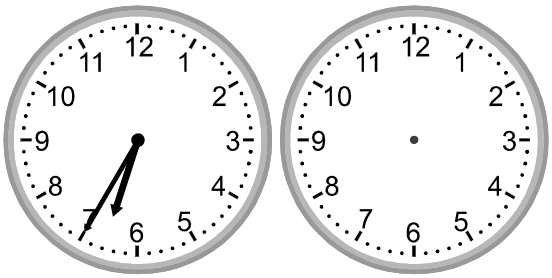
Draw the clock hands to show the passage of time.

1)



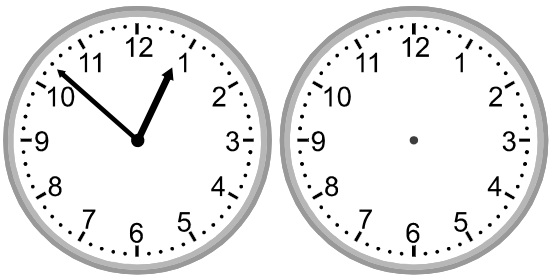
What time will it be in 3 hours 58 minutes?

2)



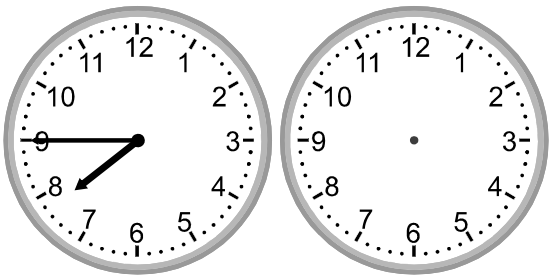
What time will it be in 1 hour 5 minutes?

3)



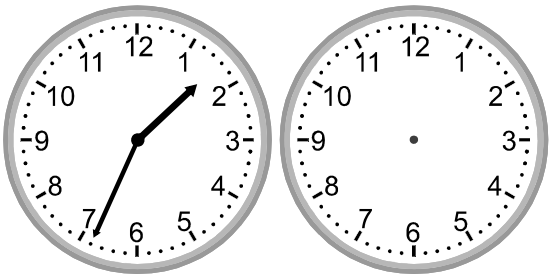
What time will it be in 4 hours 13 minutes?

4)



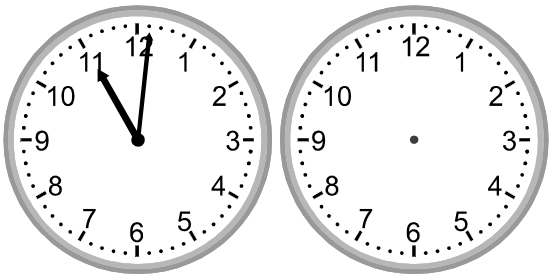
What time will it be in 5 hours 31 minutes?

5)



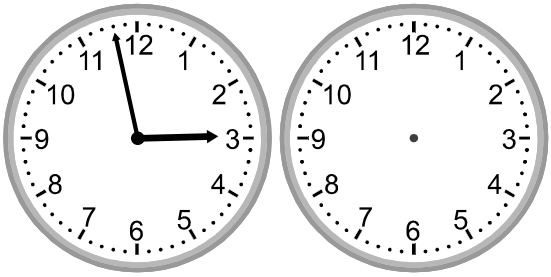
What time will it be in 1 hour 13 minutes?

6)



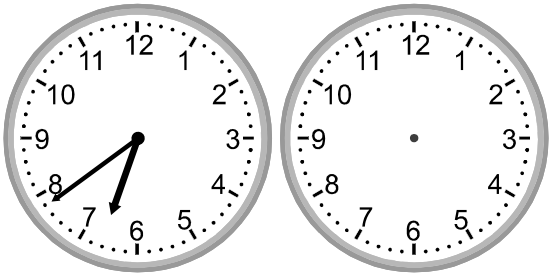
What time will it be in 2 hours 34 minutes?

7)



What time will it be in 5 hours 32 minutes?

8)



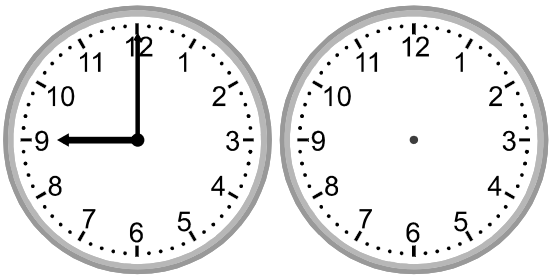
What time will it be in 3 hours 26 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 7

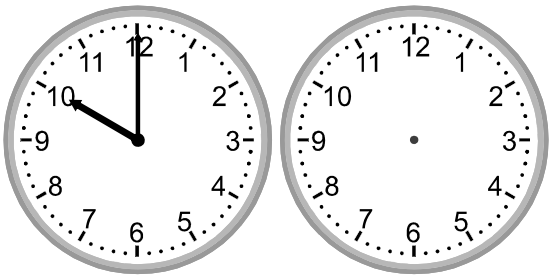
Draw the clock hands to show the passage of time.

1)



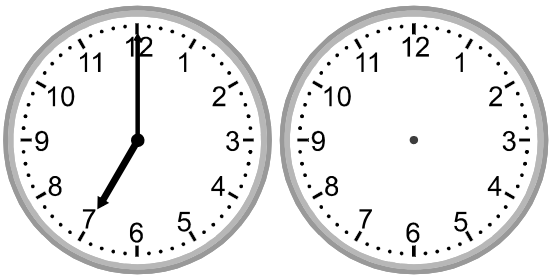
What time was it 2 hours ago?

2)



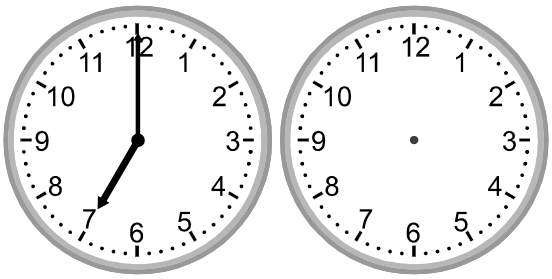
What time was it 5 hours ago?

3)



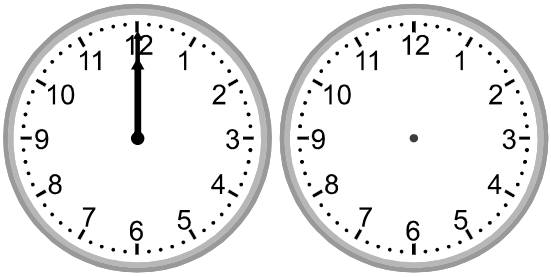
What time was it 1 hour ago?

4)



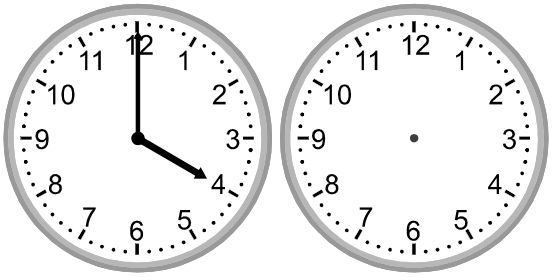
What time was it 3 hours ago?

5)



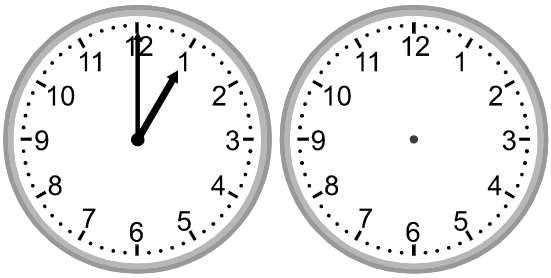
What time was it 1 hour ago?

6)



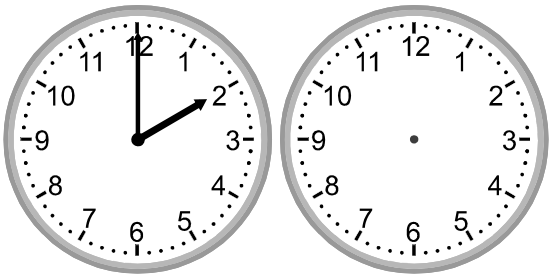
What time was it 2 hours ago?

7)



What time was it 4 hours ago?

8)



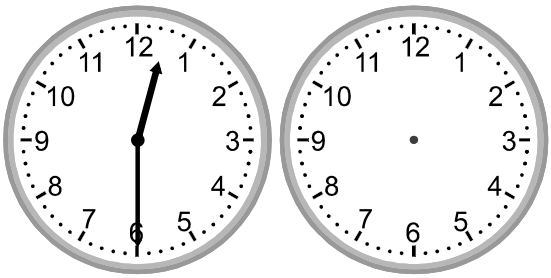
What time was it 1 hour ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 8

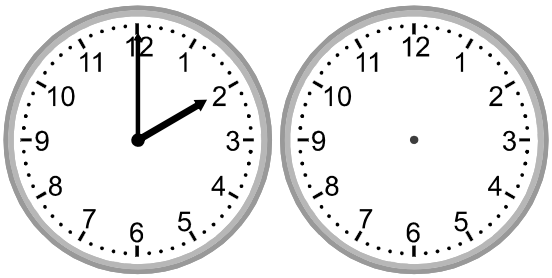
Draw the clock hands to show the passage of time.

1)



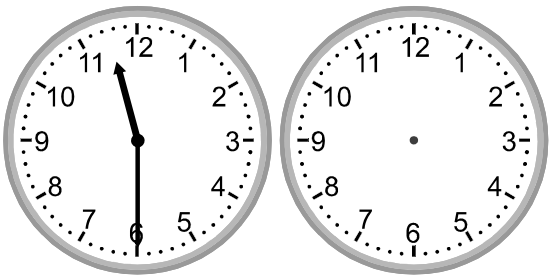
What time was it 2 hours 30 minutes ago?

2)



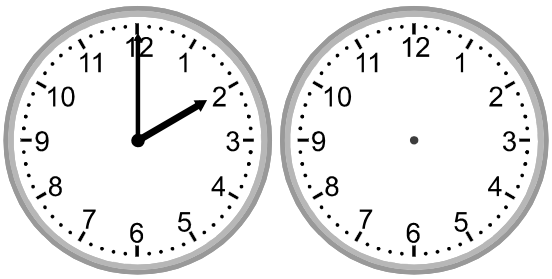
What time was it 1 hour 30 minutes ago?

3)



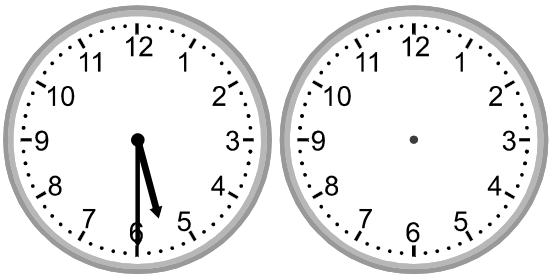
What time was it 4 hours ago?

4)



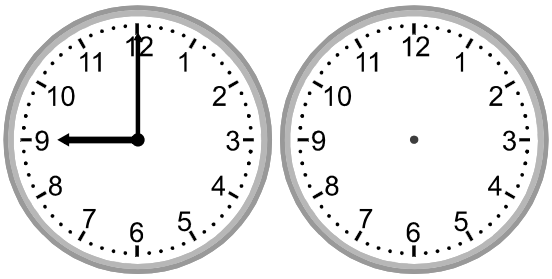
What time was it 4 hours 30 minutes ago?

5)



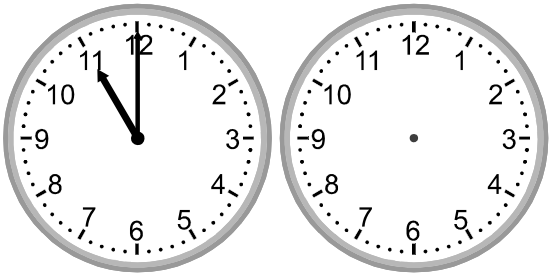
What time was it 1 hour 30 minutes ago?

6)



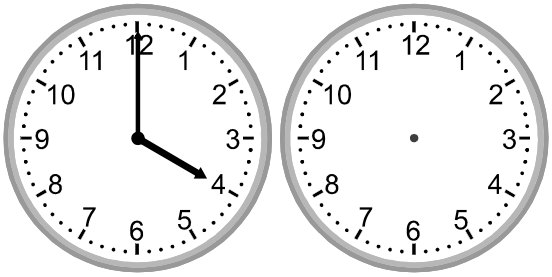
What time was it 4 hours ago?

7)



What time was it 1 hour 30 minutes ago?

8)



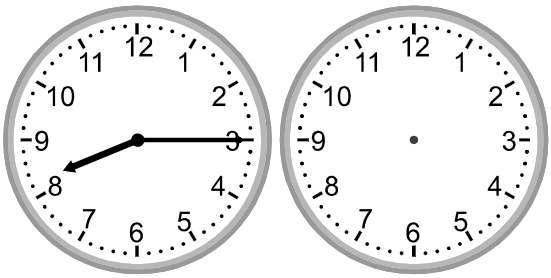
What time was it 1 hour ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 9

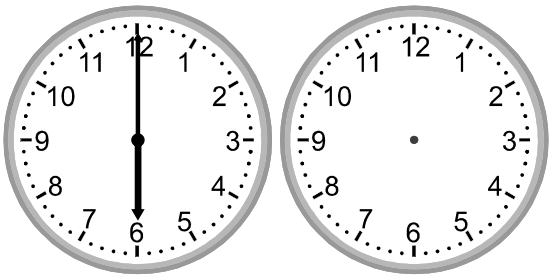
Draw the clock hands to show the passage of time.

1)



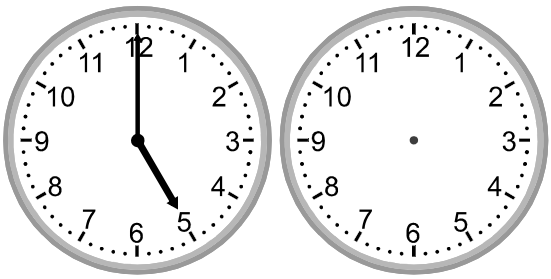
What time was it 1 hour 45 minutes ago?

2)



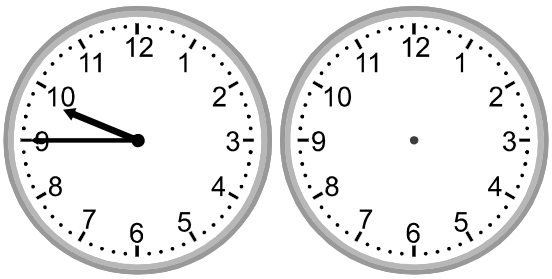
What time was it 4 hours 15 minutes ago?

3)



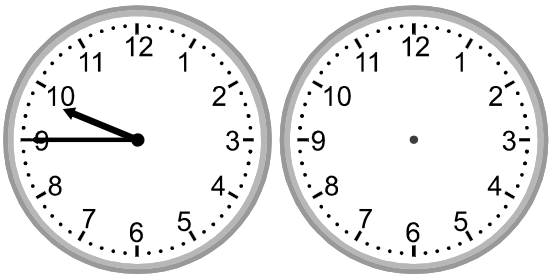
What time was it 3 hours ago?

4)



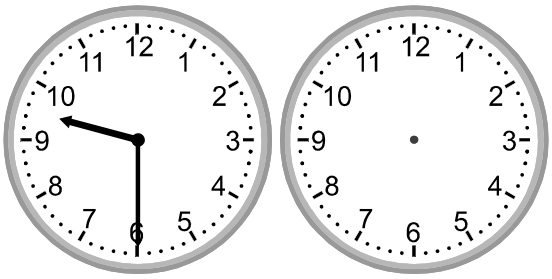
What time was it 2 hours 45 minutes ago?

5)



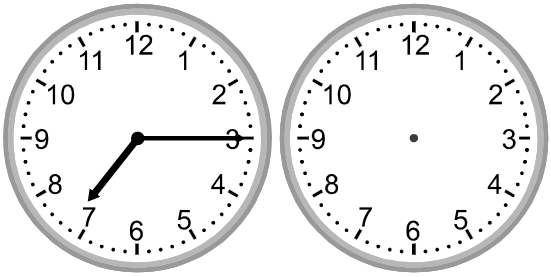
What time was it 1 hour ago?

6)



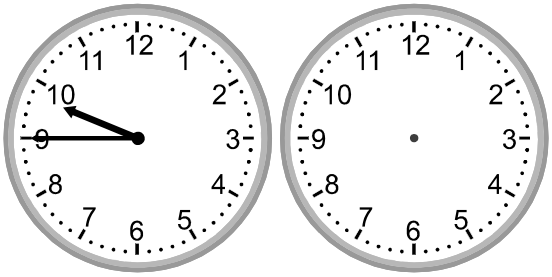
What time was it 1 hour 15 minutes ago?

7)



What time was it 3 hours ago?

8)



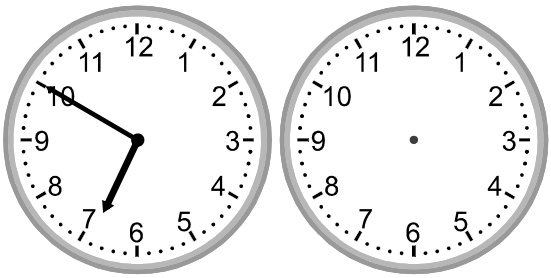
What time was it 2 hours ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 10

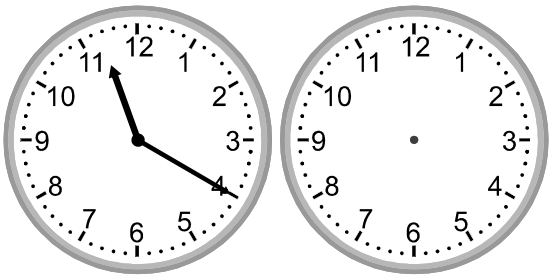
Draw the clock hands to show the passage of time.

1)



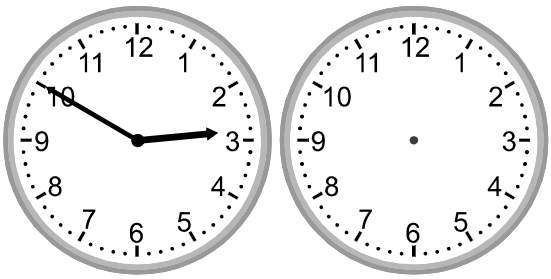
What time was it 5 hours 30 minutes ago?

2)



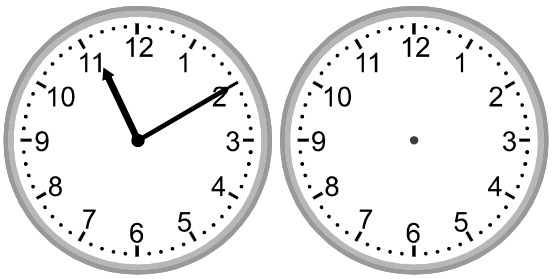
What time was it 5 hours 20 minutes ago?

3)



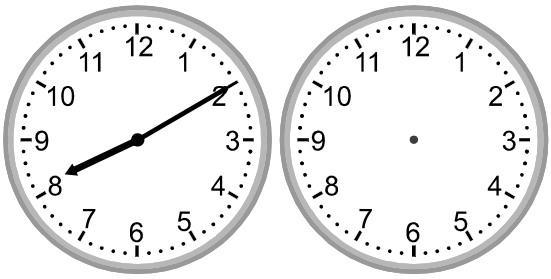
What time was it 4 hours 50 minutes ago?

4)



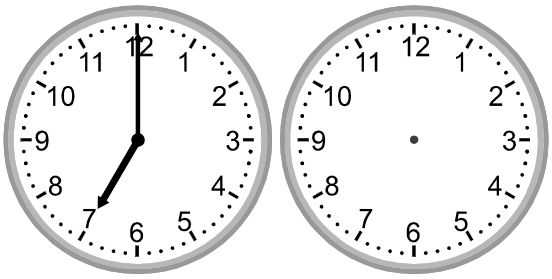
What time was it 3 hours 10 minutes ago?

5)



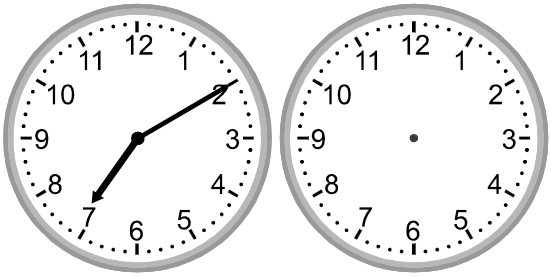
What time was it 1 hour 10 minutes ago?

6)



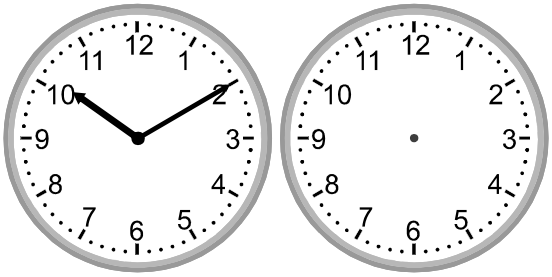
What time was it 4 hours 10 minutes ago?

7)



What time was it 4 hours 50 minutes ago?

8)



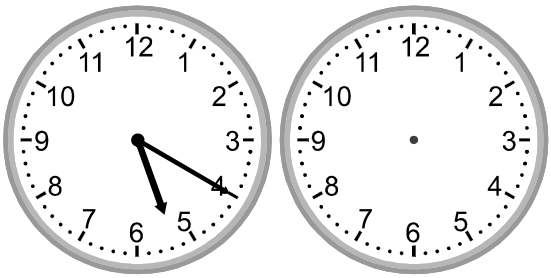
What time was it 3 hours 20 minutes ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 11

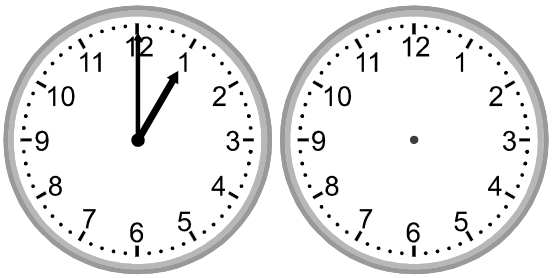
Draw the clock hands to show the passage of time.

1)



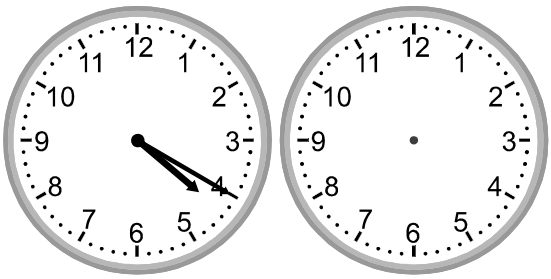
What time was it 3 hours 35 minutes ago?

2)



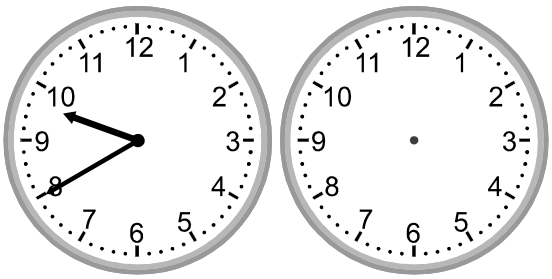
What time was it 4 hours 45 minutes ago?

3)



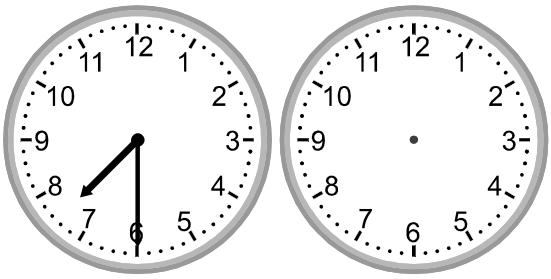
What time was it 1 hour 50 minutes ago?

4)



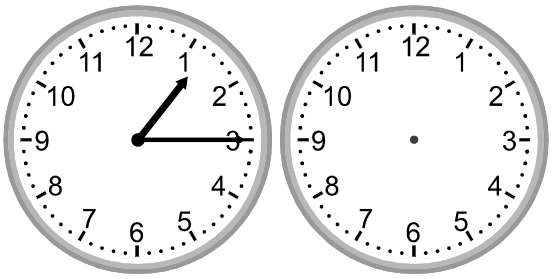
What time was it 2 hours 35 minutes ago?

5)



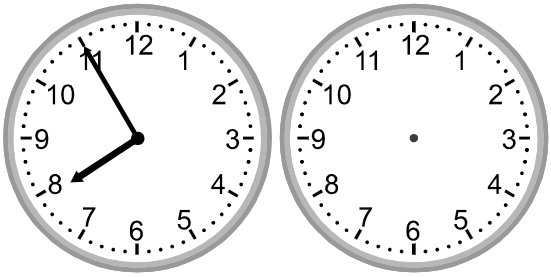
What time was it 2 hours 15 minutes ago?

6)



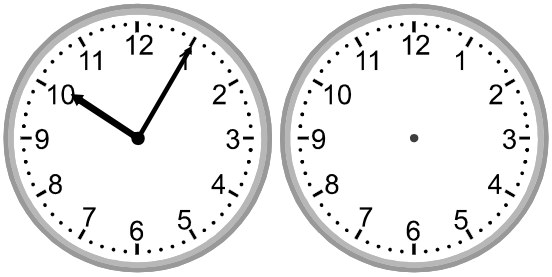
What time was it 5 hours 45 minutes ago?

7)



What time was it 2 hours 15 minutes ago?

8)



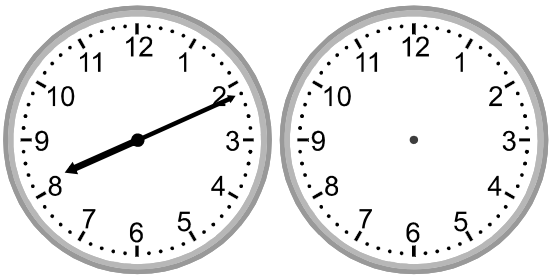
What time was it 4 hours ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 12

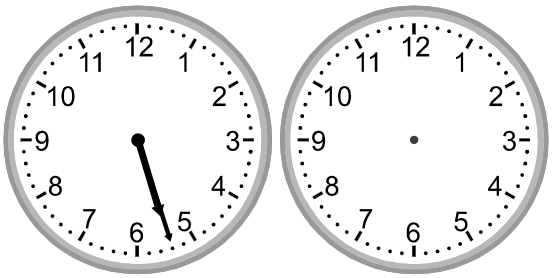
Draw the clock hands to show the passage of time.

1)



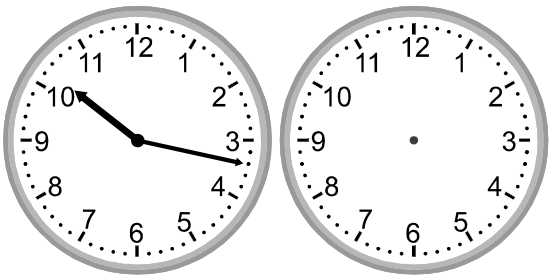
What time was it 1 hour 18 minutes ago?

2)



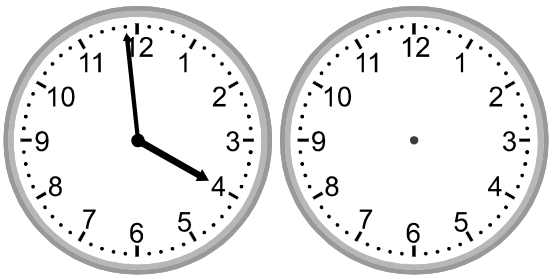
What time was it 5 hours 50 minutes ago?

3)



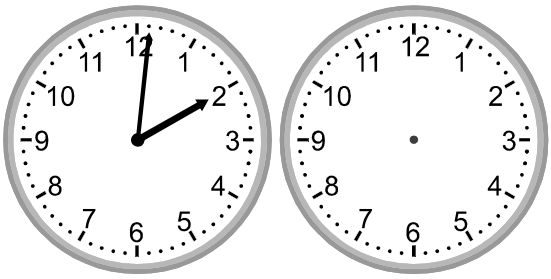
What time was it 5 hours 45 minutes ago?

4)



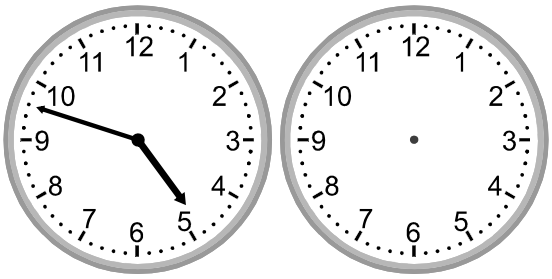
What time was it 4 hours 28 minutes ago?

5)



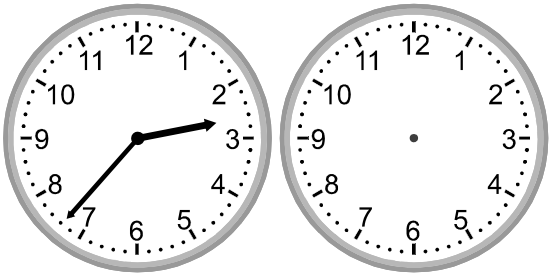
What time was it 4 hours 22 minutes ago?

6)



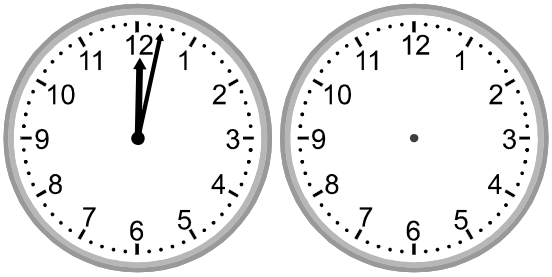
What time was it 5 hours 24 minutes ago?

7)



What time was it 4 hours 21 minutes ago?

8)



What time was it 2 hours 30 minutes ago?

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 1

Convert the given measures of time to alternate measures of time.

1) 96 dy = _____
2) 48 hr = _____
3) 64 min = _____
4) 69 min = _____
5) 32 yr = _____
6) 68 dy = _____
7) 33 wk = _____
8) 95 sec = _____
9) 67 dy = _____
10) 29 hr = _____
11) 50 dy = _____
12) 57 sec = _____
13) 96 hr = _____
14) 85 min = _____
15) 82 min = _____
16) 74 min = _____
17) 45 yr = _____
18) 98 dy = _____
19) 76 wk = _____
20) 26 dy = _____
21) 51 sec = _____
22) 75 wk = _____
23) 82 hr = _____
24) 80 dy = _____
25) 36 yr = _____
26) 16 dy = _____
27) 54 min = _____
28) 82 dy = _____
29) 83 min = _____
30) 47 hr = _____
31) 22 min = _____
32) 14 dy = _____
33) 20 dy = _____
34) 40 yr = _____
35) 39 hr = _____
36) 45 hr = _____

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 2

Convert the given measures of time to alternate measures of time.

1) 29 wk = _____
2) 39 dy = _____
3) 13 yr = _____
4) 62 min = _____
5) 58 min = _____
6) 37 dy = _____
7) 46 dy = _____
8) 53 sec = _____
9) 77 hr = _____
10) 98 hr = _____
11) 68 wk = _____
12) 26 dy = _____
13) 24 min = _____
14) 14 dy = _____
15) 13 hr = _____
16) 27 dy = _____
17) 71 hr = _____
18) 48 min = _____
19) 15 yr = _____
20) 73 sec = _____
21) 15 sec = _____
22) 33 wk = _____
23) 45 yr = _____
24) 48 hr = _____
25) 92 min = _____
26) 17 dy = _____
27) 67 min = _____
28) 35 hr = _____
29) 62 dy = _____
30) 87 dy = _____
31) 16 wk = _____
32) 90 sec = _____
33) 83 hr = _____
34) 97 dy = _____
35) 10 yr = _____
36) 77 dy = _____

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 3

Convert the given measures of time to alternate measures of time.

1) 28 yr = _____
2) 19 sec = _____
3) 71 hr = _____
4) 60 dy = _____
5) 49 min = _____
6) 14 dy = _____
7) 34 wk = _____
8) 92 dy = _____
9) 70 min = _____
10) 46 hr = _____
11) 15 min = _____
12) 73 dy = _____
13) 50 yr = _____
14) 53 sec = _____
15) 57 dy = _____
16) 86 hr = _____
17) 87 min = _____
18) 23 wk = _____
19) 66 hr = _____
20) 75 dy = _____
21) 87 yr = _____
22) 79 min = _____
23) 95 min = _____
24) 21 hr = _____
25) 84 hr = _____
26) 13 dy = _____
27) 39 wk = _____
28) 33 sec = _____
29) 48 dy = _____
30) 48 dy = _____
31) 16 hr = _____
32) 98 dy = _____
33) 50 dy = _____
34) 95 hr = _____
35) 65 min = _____
36) 78 yr = _____

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 4

Convert the given measures of time to alternate measures of time.

1) 74 dy = _____
2) 89 min = _____
3) 59 hr = _____
4) 92 dy = _____
5) 38 yr = _____
6) 96 wk = _____
7) 78 dy = _____
8) 46 hr = _____
9) 38 min = _____
10) 92 sec = _____
11) 30 hr = _____
12) 44 dy = _____
13) 68 dy = _____
14) 67 min = _____
15) 19 dy = _____
16) 16 yr = _____
17) 37 min = _____
18) 47 hr = _____
19) 86 sec = _____
20) 37 wk = _____
21) 91 dy = _____
22) 52 min = _____
23) 79 sec = _____
24) 53 hr = _____
25) 90 wk = _____
26) 59 dy = _____
27) 88 min = _____
28) 31 dy = _____
29) 54 hr = _____
30) 91 yr = _____
31) 98 dy = _____
32) 68 min = _____
33) 24 wk = _____
34) 42 sec = _____
35) 72 min = _____
36) 96 hr = _____

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 5

Convert the given measures of time to alternate measures of time.

1) 87 sec = _____
2) 95 wk = _____
3) 56 min = _____
4) 60 hr = _____
5) 39 dy = _____
6) 58 dy = _____
7) 80 yr = _____
8) 49 min = _____
9) 56 dy = _____
10) 11 hr = _____
11) 79 dy = _____
12) 86 sec = _____
13) 32 yr = _____
14) 65 hr = _____
15) 46 dy = _____
16) 18 dy = _____
17) 19 min = _____
18) 88 hr = _____
19) 75 wk = _____
20) 14 min = _____
21) 63 dy = _____
22) 86 dy = _____
23) 55 dy = _____
24) 92 wk = _____
25) 37 hr = _____
26) 93 min = _____
27) 58 yr = _____
28) 12 min = _____
29) 33 sec = _____
30) 44 hr = _____
31) 53 dy = _____
32) 55 hr = _____
33) 36 yr = _____
34) 58 dy = _____
35) 61 hr = _____
36) 75 min = _____

Name:_____ Class:_____ Date:____/____/_____

Advanced Addition

Find the sum.

1) 66 + 46 = 112	2) 71 + 75 = 146	3) 96 + 40 = 136	4) 90 + 26 = 116	5) 64 + 81 = 145	6) 35 + 33 = 68	7) 43 + 76 = 119	8) 97 + 41 = 138
9) 28 + 57 = 85	10) 14 + 82 = 96	11) 79 + 19 = 98	12) 73 + 78 = 151	13) 30 + 44 = 74	14) 50 + 90 = 140	15) 21 + 62 = 83	16) 16 + 43 = 59
17) 92 + 51 = 143	18) 12 + 18 = 30	19) 77 + 44 = 121	20) 94 + 60 = 154	21) 49 + 17 = 66	22) 92 + 16 = 108	23) 37 + 14 = 51	24) 15 + 18 = 33
25) 72 + 30 = 102	26) 64 + 90 = 154	27) 37 + 95 = 132	28) 84 + 57 = 141	29) 73 + 93 = 166	30) 55 + 62 = 117	31) 89 + 10 = 99	32) 16 + 13 = 29
33) 75 + 91 = 166	34) 39 + 90 = 129	35) 74 + 88 = 162	36) 62 + 84 = 146	37) 62 + 54 = 116	38) 43 + 72 = 115	39) 26 + 67 = 93	40) 50 + 26 = 76
41) 39 + 42 = 81	42) 28 + 89 = 117	43) 97 + 25 = 122	44) 17 + 96 = 113	45) 66 + 55 = 121	46) 44 + 84 = 128	47) 88 + 42 = 130	48) 70 + 49 = 119
49) 11 + 89 = 100	50) 41 + 46 = 87	51) 74 + 23 = 97	52) 43 + 83 = 126	53) 67 + 79 = 146	54) 38 + 82 = 120	55) 62 + 22 = 84	56) 40 + 16 = 56
57) 52 + 38 = 90	58) 33 + 57 = 90	59) 81 + 26 = 107	60) 14 + 60 = 74	61) 84 + 42 = 126	62) 34 + 29 = 63	63) 54 + 77 = 131	64) 94 + 30 = 124
65) 82 + 94 = 176	66) 71 + 36 = 107	67) 36 + 15 = 51	68) 52 + 26 = 78	69) 98 + 44 = 142	70) 32 + 28 = 60	71) 86 + 34 = 120	72) 44 + 54 = 98

Name:_____ Class:_____ Date:____/____/_____

Advanced Addition

Find the sum.

1) 412 + 139 = 551	2) 101 + 863 = 964	3) 870 + 407 = 1,277	4) 173 + 621 = 794	5) 108 + 493 = 601	6) 306 + 814 = 1,120	7) 431 + 568 = 999
8) 436 + 638 = 1,074	9) 826 + 829 = 1,655	10) 884 + 656 = 1,540	11) 510 + 584 = 1,094	12) 205 + 995 = 1,200	13) 125 + 892 = 1,017	14) 904 + 254 = 1,158
15) 231 + 752 = 983	16) 211 + 536 = 747	17) 646 + 893 = 1,539	18) 547 + 940 = 1,487	19) 225 + 819 = 1,044	20) 850 + 161 = 1,011	21) 506 + 775 = 1,281
22) 842 + 444 = 1,286	23) 733 + 613 = 1,346	24) 929 + 244 = 1,173	25) 553 + 694 = 1,247	26) 752 + 896 = 1,648	27) 154 + 147 = 301	28) 435 + 827 = 1,262
29) 933 + 105 = 1,038	30) 838 + 977 = 1,815	31) 502 + 918 = 1,420	32) 490 + 355 = 845	33) 382 + 769 = 1,151	34) 268 + 537 = 805	35) 120 + 495 = 615
36) 513 + 108 = 621	37) 978 + 824 = 1,802	38) 250 + 734 = 984	39) 741 + 759 = 1,500	40) 362 + 511 = 873	41) 962 + 761 = 1,723	42) 700 + 536 = 1,236
43) 100 + 314 = 414	44) 481 + 599 = 1,080	45) 559 + 719 = 1,278	46) 107 + 220 = 327	47) 980 + 872 = 1,852	48) 658 + 586 = 1,244	49) 385 + 587 = 972
50) 163 + 963 = 1,126	51) 445 + 492 = 937	52) 223 + 158 = 381	53) 281 + 744 = 1,025	54) 918 + 330 = 1,248	55) 895 + 700 = 1,595	56) 186 + 274 = 460
57) 742 + 427 = 1,169	58) 115 + 740 = 855	59) 319 + 953 = 1,272	60) 354 + 168 = 522	61) 388 + 667 = 1,055	62) 977 + 400 = 1,377	63) 488 + 393 = 881

Name:_____ Class:_____ Date:____/____/_____

Advanced Addition

Find the sum.

1) 9,735 + 9,851 = 19,586	2) 7,826 + 2,233 = 10,059	3) 6,922 + 7,230 = 14,152	4) 5,472 + 2,120 = 7,592	5) 5,247 + 8,562 = 13,809	6) 7,146 + 2,700 = 9,846
7) 6,220 + 3,266 = 9,486	8) 3,491 + 6,231 = 9,722	9) 7,549 + 6,810 = 14,359	10) 1,276 + 3,369 = 4,645	11) 4,722 + 6,564 = 11,286	12) 2,315 + 9,741 = 12,056
13) 7,887 + 5,306 = 13,193	14) 2,383 + 9,959 = 12,342	15) 1,452 + 4,912 = 6,364	16) 7,192 + 7,943 = 15,135	17) 5,339 + 8,654 = 13,993	18) 7,568 + 4,715 = 12,283
19) 4,845 + 1,939 = 6,784	20) 5,518 + 3,533 = 9,051	21) 7,026 + 6,577 = 13,603	22) 1,645 + 5,283 = 6,928	23) 1,698 + 2,932 = 4,630	24) 4,143 + 9,273 = 13,416
25) 7,602 + 3,831 = 11,433	26) 7,442 + 4,700 = 12,142	27) 2,595 + 4,660 = 7,255	28) 5,014 + 4,171 = 9,185	29) 8,536 + 8,084 = 16,620	30) 4,345 + 2,617 = 6,962
31) 5,847 + 5,512 = 11,359	32) 1,668 + 1,335 = 3,003	33) 2,370 + 9,203 = 11,573	34) 7,360 + 7,564 = 14,924	35) 5,697 + 8,775 = 14,472	36) 2,386 + 6,610 = 8,996
37) 2,291 + 7,742 = 10,033	38) 6,343 + 8,144 = 14,487	39) 5,919 + 7,031 = 12,950	40) 9,043 + 5,955 = 14,998	41) 2,163 + 3,109 = 5,272	42) 3,356 + 7,620 = 10,976
43) 7,470 + 3,492 = 10,962	44) 6,347 + 1,679 = 8,026	45) 4,640 + 4,396 = 9,036	46) 6,178 + 6,760 = 12,938	47) 7,593 + 3,902 = 11,495	48) 7,685 + 2,514 = 10,199
49) 5,909 + 1,310 = 7,219	50) 3,913 + 2,495 = 6,408	51) 5,571 + 6,578 = 12,149	52) 4,576 + 8,826 = 13,402	53) 2,445 + 1,832 = 4,277	54) 3,408 + 4,852 = 8,260

Name:_____ Class:_____ Date:____/____/_____

Advanced Division

Find the quotient.

1) 3.571 (7) 25)
2) 7.286 (7) 51)
3) 5.6 (5) 28)
4) 6.778 (9) 61)
5) 2 (6) 12)
6) 13.167 (6) 79)
7) 7.625 (8) 61)
8) 18.25 (4) 73)
9) 15.333 (6) 92)
10) 1.556 (9) 14)
11) 3.778 (9) 34)
12) 27 (3) 81)
13) 15 (6) 90)
14) 23.75 (4) 95)
15) 9.4 (5) 47)
16) 13.8 (5) 69)
17) 10.111 (9) 91)
18) 9.667 (3) 29)
19) 6.5 (4) 26)
20) 29 (2) 58)
21) 7.75 (8) 62)
22) 6.333 (6) 38)
23) 11.857 (7) 83)
24) 18.2 (5) 91)
25) 6.667 (3) 20)
26) 12.667 (6) 76)
27) 14 (5) 70)
28) 2.4 (5) 12)
29) 20.75 (4) 83)
30) 11 (7) 77)
31) 10.4 (5) 52)
32) 6.875 (8) 55)
33) 16 (5) 80)
34) 8.857 (7) 62)
35) 8 (7) 56)
36) 2.125 (8) 17)
37) 5 (2) 10)
38) 5.667 (6) 34)
39) 14.5 (4) 58)
40) 10.25 (4) 41)
41) 9.571 (7) 67)
42) 3.8 (5) 19)
43) 15.5 (4) 62)
44) 12.833 (6) 77)
45) 9.667 (9) 87)
46) 3.444 (9) 31)
47) 5.444 (9) 49)
48) 15 (4) 60)
49) 4.429 (7) 31)
50) 13 (6) 78)
51) 4.5 (4) 18)
52) 13.5 (6) 81)
53) 5.5 (2) 11)
54) 7.429 (7) 52)
55) 3.667 (6) 22)
56) 11.286 (7) 79)
57) 15.667 (6) 94)
58) 1.222 (9) 11)
59) 11 (3) 33)
60) 2.714 (7) 19)
61) 20.667 (3) 62)
62) 15.333 (3) 46)
63) 11.667 (3) 35)
64) 25 (2) 50)
65) 4.111 (9) 37)
66) 6 (9) 54)
67) 4.4 (5) 22)
68) 12 (7) 84)
69) 5.286 (7) 37)
70) 25 (3) 75)
71) 8.6 (5) 43)
72) 3 (7) 21)

Name:_____ Class:_____ Date:____/____/_____

Advanced Division

Find the quotient.

1) 139.167 $6\overline{)835}$
2) 153 $6\overline{)918}$
3) 115 $7\overline{)805}$
4) 13 $4\overline{)52}$
5) 20.571 $7\overline{)144}$
6) 181.667 $3\overline{)545}$
7) 94.625 $8\overline{)757}$
8) 55.5 $6\overline{)333}$
9) 95.111 $9\overline{)856}$
10) 96.167 $6\overline{)577}$
11) 47.833 $6\overline{)287}$
12) 185.2 $5\overline{)926}$
13) 147 $4\overline{)588}$
14) 82.875 $8\overline{)663}$
15) 67.5 $8\overline{)540}$
16) 59 $3\overline{)177}$
17) 168.75 $4\overline{)675}$
18) 26.857 $7\overline{)188}$
19) 4.778 $9\overline{)43}$
20) 23.889 $9\overline{)215}$
21) 7.6 $10\overline{)76}$
22) 75.4 $5\overline{)377}$
23) 49 $4\overline{)196}$
24) 301 $2\overline{)602}$
25) 34.9 $10\overline{)349}$
26) 127.571 $7\overline{)893}$
27) 198 $3\overline{)594}$
28) 127.4 $5\overline{)637}$
29) 89 $6\overline{)534}$
30) 124 $7\overline{)868}$
31) 184.2 $5\overline{)921}$
32) 143.8 $5\overline{)719}$
33) 80.833 $6\overline{)485}$
34) 71.333 $6\overline{)428}$
35) 76.286 $7\overline{)534}$
36) 59.111 $9\overline{)532}$
37) 76.5 $8\overline{)612}$
38) 116 $4\overline{)464}$
39) 19.714 $7\overline{)138}$
40) 46.2 $5\overline{)231}$
41) 90.286 $7\overline{)632}$
42) 50.571 $7\overline{)354}$
43) 149.5 $6\overline{)897}$
44) 81.833 $6\overline{)491}$
45) 72.333 $9\overline{)651}$
46) 22.5 $6\overline{)135}$
47) 11.286 $7\overline{)79}$
48) 119.875 $8\overline{)959}$
49) 134 $2\overline{)268}$
50) 107 $8\overline{)856}$
51) 257 $3\overline{)771}$
52) 70 $7\overline{)490}$
53) 42.5 $10\overline{)425}$
54) 6.333 $9\overline{)57}$
55) 136 $5\overline{)680}$
56) 21.2 $10\overline{)212}$
57) 48.5 $6\overline{)291}$
58) 237 $4\overline{)948}$
59) 4.333 $3\overline{)13}$
60) 45.3 $10\overline{)453}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - No Remainders

Find the quotient.

1) $3\overline{)24}$ = 8
2) $7\overline{)84}$ = 12
3) $7\overline{)56}$ = 8
4) $6\overline{)90}$ = 15
5) $10\overline{)90}$ = 9
6) $7\overline{)14}$ = 2
7) $7\overline{)56}$ = 8

8) $4\overline{)76}$ = 19
9) $2\overline{)38}$ = 19
10) $8\overline{)32}$ = 4
11) $4\overline{)80}$ = 20
12) $2\overline{)30}$ = 15
13) $5\overline{)90}$ = 18
14) $2\overline{)20}$ = 10

15) $9\overline{)45}$ = 5
16) $4\overline{)36}$ = 9
17) $10\overline{)80}$ = 8
18) $7\overline{)56}$ = 8
19) $6\overline{)66}$ = 11
20) $7\overline{)63}$ = 9
21) $4\overline{)64}$ = 16

22) $4\overline{)20}$ = 5
23) $5\overline{)80}$ = 16
24) $4\overline{)48}$ = 12
25) $3\overline{)63}$ = 21
26) $2\overline{)66}$ = 33
27) $6\overline{)48}$ = 8
28) $10\overline{)70}$ = 7

29) $8\overline{)88}$ = 11
30) $4\overline{)76}$ = 19
31) $9\overline{)54}$ = 6
32) $3\overline{)12}$ = 4
33) $9\overline{)72}$ = 8
34) $6\overline{)78}$ = 13
35) $3\overline{)18}$ = 6

36) $9\overline{)63}$ = 7
37) $7\overline{)42}$ = 6
38) $7\overline{)21}$ = 3
39) $2\overline{)18}$ = 9
40) $6\overline{)30}$ = 5
41) $9\overline{)90}$ = 10
42) $5\overline{)45}$ = 9

43) $4\overline{)32}$ = 8
44) $4\overline{)72}$ = 18
45) $6\overline{)30}$ = 5
46) $9\overline{)72}$ = 8
47) $5\overline{)70}$ = 14
48) $8\overline{)16}$ = 2
49) $2\overline{)28}$ = 14

50) $10\overline{)50}$ = 5
51) $9\overline{)63}$ = 7
52) $6\overline{)18}$ = 3
53) $8\overline{)48}$ = 6
54) $9\overline{)63}$ = 7
55) $3\overline{)42}$ = 14
56) $9\overline{)81}$ = 9

57) $4\overline{)56}$ = 14
58) $7\overline{)35}$ = 5
59) $7\overline{)42}$ = 6
60) $5\overline{)80}$ = 16
61) $6\overline{)18}$ = 3
62) $6\overline{)36}$ = 6
63) $8\overline{)40}$ = 5

64) $2\overline{)26}$ = 13
65) $5\overline{)50}$ = 10
66) $2\overline{)42}$ = 21
67) $4\overline{)52}$ = 13
68) $2\overline{)88}$ = 44
69) $10\overline{)80}$ = 8
70) $6\overline{)90}$ = 15

71) $3\overline{)90}$ = 30
72) $9\overline{)72}$ = 8
73) $6\overline{)36}$ = 6
74) $6\overline{)12}$ = 2
75) $6\overline{)42}$ = 7
76) $3\overline{)33}$ = 11
77) $3\overline{)87}$ = 29

78) $6\overline{)54}$ = 9
79) $8\overline{)16}$ = 2
80) $7\overline{)56}$ = 8
81) $10\overline{)40}$ = 4
82) $9\overline{)81}$ = 9
83) $4\overline{)44}$ = 11
84) $4\overline{)40}$ = 10

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - No Remainders

Find the quotient.

1) 21 (6) 126)
2) 170 (3) 510)
3) 98 (4) 392)
4) 69 (10) 690)
5) 72 (6) 432)
6) 124 (8) 992)
7) 65 (6) 390)
8) 121 (4) 484)
9) 22 (9) 198)
10) 96 (9) 864)
11) 62 (4) 248)
12) 93 (9) 837)
13) 67 (7) 469)
14) 170 (5) 850)
15) 64 (4) 256)
16) 49 (10) 490)
17) 107 (8) 856)
18) 11 (9) 99)
19) 178 (3) 534)
20) 66 (8) 528)
21) 163 (6) 978)
22) 96 (8) 768)
23) 137 (6) 822)
24) 110 (7) 770)
25) 152 (4) 608)
26) 142 (7) 994)
27) 86 (6) 516)
28) 104 (8) 832)
29) 117 (6) 702)
30) 108 (7) 756)
31) 106 (4) 424)
32) 278 (3) 834)
33) 21 (10) 210)
34) 151 (6) 906)
35) 93 (6) 558)
36) 74 (10) 740)
37) 207 (2) 414)
38) 127 (7) 889)
39) 294 (2) 588)
40) 18 (10) 180)
41) 228 (4) 912)
42) 96 (9) 864)
43) 35 (9) 315)
44) 115 (5) 575)
45) 239 (4) 956)
46) 36 (9) 324)
47) 57 (8) 456)
48) 62 (8) 496)
49) 104 (7) 728)
50) 89 (8) 712)
51) 154 (4) 616)
52) 108 (2) 216)
53) 304 (2) 608)
54) 66 (5) 330)
55) 224 (3) 672)
56) 40 (7) 280)
57) 64 (8) 512)
58) 263 (3) 789)
59) 49 (9) 441)
60) 223 (4) 892)
61) 74 (7) 518)
62) 159 (4) 636)
63) 41 (8) 328)
64) 102 (6) 612)
65) 216 (3) 648)
66) 105 (9) 945)
67) 53 (8) 424)
68) 19 (8) 152)
69) 99 (4) 396)
70) 203 (3) 609)
71) 21 (7) 147)
72) 73 (7) 511)

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - Remainders

Find the quotient.

1) 2 R4 ($5\overline{)14}$
2) 6 R4 ($7\overline{)46}$
3) 9 R3 ($9\overline{)84}$
4) 4 R7 ($8\overline{)39}$
5) 3 R5 ($7\overline{)26}$
6) 4 R0 ($8\overline{)32}$
7) 11 R3 ($7\overline{)80}$
8) 15 R0 ($6\overline{)90}$
9) 5 R2 ($4\overline{)22}$
10) 6 R3 ($9\overline{)57}$
11) 32 R2 ($3\overline{)98}$
12) 10 R3 ($8\overline{)83}$
13) 9 R7 ($8\overline{)79}$
14) 3 R6 ($8\overline{)30}$
15) 10 R3 ($4\overline{)43}$
16) 15 R0 ($3\overline{)45}$
17) 7 R3 ($8\overline{)59}$
18) 10 R2 ($7\overline{)72}$
19) 7 R3 ($9\overline{)66}$
20) 6 R0 ($7\overline{)42}$
21) 3 R1 ($10\overline{)31}$
22) 31 R2 ($3\overline{)95}$
23) 15 R1 ($6\overline{)91}$
24) 9 R4 ($6\overline{)58}$
25) 10 R3 ($6\overline{)63}$
26) 16 R0 ($6\overline{)96}$
27) 21 R3 ($4\overline{)87}$
28) 3 R0 ($9\overline{)27}$
29) 8 R2 ($7\overline{)58}$
30) 29 R0 ($3\overline{)87}$
31) 9 R6 ($7\overline{)69}$
32) 4 R2 ($10\overline{)42}$
33) 11 R2 ($3\overline{)35}$
34) 11 R1 ($2\overline{)23}$
35) 23 R0 ($4\overline{)92}$
36) 18 R2 ($5\overline{)92}$
37) 10 R4 ($9\overline{)94}$
38) 34 R1 ($2\overline{)69}$
39) 21 R2 ($4\overline{)86}$
40) 2 R4 ($9\overline{)22}$
41) 3 R5 ($9\overline{)32}$
42) 6 R3 ($5\overline{)33}$
43) 6 R5 ($9\overline{)59}$
44) 1 R6 ($10\overline{)16}$
45) 23 R3 ($4\overline{)95}$
46) 14 R0 ($7\overline{)98}$
47) 6 R3 ($10\overline{)63}$
48) 10 R4 ($8\overline{)84}$
49) 6 R3 ($6\overline{)39}$
50) 15 R0 ($4\overline{)60}$
51) 9 R2 ($7\overline{)65}$
52) 6 R0 ($10\overline{)60}$
53) 20 R0 ($3\overline{)60}$
54) 7 R5 ($9\overline{)68}$
55) 13 R1 ($6\overline{)79}$
56) 9 R4 ($9\overline{)85}$
57) 8 R4 ($6\overline{)52}$
58) 15 R0 ($5\overline{)75}$
59) 9 R6 ($9\overline{)87}$
60) 18 R1 ($3\overline{)55}$
61) 3 R2 ($9\overline{)29}$
62) 44 R1 ($2\overline{)89}$
63) 12 R0 ($4\overline{)48}$
64) 29 R2 ($3\overline{)89}$
65) 12 R2 ($8\overline{)98}$
66) 2 R8 ($9\overline{)26}$
67) 4 R1 ($7\overline{)29}$
68) 10 R0 ($4\overline{)40}$
69) 15 R2 ($5\overline{)77}$
70) 6 R1 ($4\overline{)25}$
71) 6 R0 ($5\overline{)30}$
72) 16 R1 ($3\overline{)49}$

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - Remainders

Find the quotient.

1) 138 R2 (4) 554)
2) 14 R3 (8) 115)
3) 76 R2 (3) 230)
4) 119 R0 (6) 714)
5) 57 R2 (6) 344)
6) 191 R0 (3) 573)
7) 313 R2 (3) 941)
8) 130 R0 (7) 910)
9) 107 R0 (2) 214)
10) 156 R3 (5) 783)
11) 38 R2 (7) 268)
12) 90 R2 (8) 722)
13) 14 R6 (9) 132)
14) 131 R1 (2) 263)
15) 83 R2 (6) 500)
16) 17 R6 (9) 159)
17) 47 R7 (8) 383)
18) 267 R0 (2) 534)
19) 124 R1 (7) 869)
20) 88 R2 (5) 442)
21) 63 R3 (5) 318)
22) 60 R0 (8) 480)
23) 37 R0 (7) 259)
24) 294 R0 (3) 882)
25) 38 R0 (6) 228)
26) 52 R4 (8) 420)
27) 38 R3 (7) 269)
28) 22 R2 (9) 200)
29) 145 R3 (4) 583)
30) 198 R2 (4) 794)
31) 135 R1 (7) 946)
32) 18 R4 (8) 148)
33) 69 R3 (7) 486)
34) 263 R2 (3) 791)
35) 77 R8 (9) 701)
36) 127 R3 (6) 765)
37) 141 R1 (5) 706)
38) 26 R3 (9) 237)
39) 27 R5 (10) 275)
40) 126 R0 (5) 630)
41) 63 R1 (2) 127)
42) 100 R0 (9) 900)
43) 57 R2 (4) 230)
44) 88 R3 (8) 707)
45) 99 R3 (7) 696)
46) 74 R0 (7) 518)
47) 284 R2 (3) 854)
48) 74 R3 (7) 521)
49) 55 R0 (7) 385)
50) 62 R5 (6) 377)
51) 108 R5 (8) 869)
52) 129 R0 (4) 516)
53) 89 R3 (9) 804)
54) 19 R3 (9) 174)
55) 123 R0 (4) 492)
56) 103 R2 (7) 723)
57) 138 R4 (5) 694)
58) 32 R5 (9) 293)
59) 261 R2 (3) 785)
60) 220 R1 (3) 661)

Name:_____ Class:_____ Date:____/____/_____

Advanced Division - Selected Divisors

Find the product.

1) 43 (10) 430
2) 4 (60) 240
3) 83 (2) 166
4) 52 (15) 780
5) 45 (20) 900
6) 15 (50) 750
7) 17 (6) 102
8) 56 (10) 560
9) 26 (25) 650
10) 7 (40) 280
11) 98 (9) 882
12) 78 (12) 936
13) 43 (12) 516
14) 193 (3) 579
15) 13 (75) 975
16) 8 (75) 600
17) 23 (12) 276
18) 23 (25) 575
19) 28 (15) 420
20) 5 (100) 500
21) 58 (10) 580
22) 28 (25) 700
23) 44 (15) 660
24) 153 (3) 459
25) 12 (40) 480
26) 11 (60) 660
27) 1 (100) 100
28) 9 (75) 675
29) 64 (10) 640
30) 18 (50) 900
31) 131 (3) 393
32) 93 (8) 744
33) 99 (6) 594
34) 55 (9) 495
35) 92 (8) 736
36) 38 (11) 418
37) 264 (3) 792
38) 3 (75) 225
39) 18 (30) 540
40) 10 (50) 500
41) 202 (3) 606
42) 34 (7) 238
43) 46 (7) 322
44) 10 (15) 150
45) 89 (11) 979
46) 95 (7) 665
47) 35 (6) 210
48) 28 (30) 840
49) 227 (3) 681
50) 8 (100) 800
51) 118 (6) 708
52) 417 (2) 834
53) 16 (60) 960
54) 18 (10) 180
55) 50 (9) 450
56) 4 (30) 120
57) 108 (8) 864
58) 12 (60) 720
59) 107 (6) 642
60) 128 (7) 896
61) 41 (10) 410
62) 31 (20) 620
63) 158 (5) 790
64) 107 (9) 963
65) 16 (50) 800
66) 99 (9) 891
67) 43 (11) 473
68) 10 (11) 110
69) 37 (12) 444
70) 214 (3) 642
71) 61 (9) 549
72) 36 (20) 720

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication

Find the product.

1) 9 × 9 = 81	2) 3 × 8 = 24	3) 8 × 7 = 56	4) 6 × 9 = 54	5) 5 × 4 = 20	6) 6 × 5 = 30	7) 8 × 3 = 24	8) 10 × 5 = 50
9) 3 × 3 = 9	10) 9 × 5 = 45	11) 7 × 8 = 56	12) 6 × 3 = 18	13) 9 × 10 = 90	14) 4 × 5 = 20	15) 7 × 7 = 49	16) 8 × 10 = 80
17) 2 × 5 = 10	18) 5 × 6 = 30	19) 7 × 4 = 28	20) 10 × 4 = 40	21) 2 × 4 = 8	22) 10 × 9 = 90	23) 8 × 2 = 16	24) 7 × 6 = 42
25) 4 × 6 = 24	26) 4 × 8 = 32	27) 8 × 6 = 48	28) 8 × 9 = 72	29) 7 × 10 = 70	30) 10 × 6 = 60	31) 10 × 3 = 30	32) 3 × 7 = 21
33) 10 × 2 = 20	34) 6 × 7 = 42	35) 9 × 3 = 27	36) 9 × 4 = 36	37) 8 × 5 = 40	38) 9 × 8 = 72	39) 3 × 9 = 27	40) 7 × 3 = 21
41) 5 × 10 = 50	42) 6 × 2 = 12	43) 5 × 3 = 15	44) 2 × 3 = 6	45) 3 × 4 = 12	46) 9 × 6 = 54	47) 5 × 9 = 45	48) 10 × 10 = 100
49) 7 × 9 = 63	50) 9 × 7 = 63	51) 4 × 4 = 16	52) 8 × 8 = 64	53) 3 × 10 = 30	54) 3 × 2 = 6	55) 6 × 8 = 48	56) 4 × 2 = 8
57) 6 × 4 = 24	58) 4 × 7 = 28	59) 6 × 6 = 36	60) 4 × 9 = 36	61) 2 × 7 = 14	62) 4 × 3 = 12	63) 10 × 7 = 70	64) 7 × 2 = 14
65) 5 × 8 = 40	66) 3 × 5 = 15	67) 5 × 7 = 35	68) 2 × 6 = 12	69) 2 × 9 = 18	70) 2 × 8 = 16	71) 4 × 10 = 40	72) 10 × 8 = 80

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication

Find the product.

1) 23 × 4 = 92	2) 27 × 8 = 216	3) 78 × 4 = 312	4) 35 × 6 = 210	5) 52 × 5 = 260	6) 49 × 5 = 245	7) 34 × 5 = 170	8) 51 × 3 = 153
9) 27 × 5 = 135	10) 74 × 8 = 592	11) 59 × 5 = 295	12) 54 × 8 = 432	13) 99 × 4 = 396	14) 75 × 9 = 675	15) 95 × 10 = 950	16) 77 × 8 = 616
17) 90 × 10 = 900	18) 79 × 5 = 395	19) 58 × 7 = 406	20) 71 × 3 = 213	21) 40 × 8 = 320	22) 94 × 7 = 658	23) 37 × 5 = 185	24) 79 × 9 = 711
25) 38 × 6 = 228	26) 97 × 5 = 485	27) 21 × 7 = 147	28) 88 × 4 = 352	29) 77 × 6 = 462	30) 61 × 4 = 244	31) 43 × 9 = 387	32) 53 × 5 = 265
33) 76 × 5 = 380	34) 64 × 5 = 320	35) 55 × 8 = 440	36) 92 × 3 = 276	37) 26 × 5 = 130	38) 34 × 8 = 272	39) 89 × 4 = 356	40) 20 × 4 = 80
41) 31 × 4 = 124	42) 44 × 6 = 264	43) 98 × 5 = 490	44) 79 × 4 = 316	45) 31 × 5 = 155	46) 72 × 10 = 720	47) 28 × 5 = 140	48) 88 × 5 = 440
49) 98 × 8 = 784	50) 57 × 6 = 342	51) 65 × 9 = 585	52) 45 × 7 = 315	53) 56 × 3 = 168	54) 56 × 5 = 280	55) 34 × 2 = 68	56) 64 × 9 = 576
57) 55 × 5 = 275	58) 75 × 4 = 300	59) 40 × 2 = 80	60) 27 × 9 = 243	61) 60 × 8 = 480	62) 47 × 4 = 188	63) 85 × 9 = 765	64) 93 × 3 = 279
65) 21 × 3 = 63	66) 84 × 10 = 840	67) 57 × 9 = 513	68) 33 × 9 = 297	69) 87 × 5 = 435	70) 25 × 7 = 175	71) 29 × 6 = 174	72) 27 × 6 = 162

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication

Find the product.

1) 302 × 3 = 906	2) 918 × 9 = 8,262	3) 486 × 9 = 4,374	4) 214 × 6 = 1,284	5) 385 × 3 = 1,155	6) 257 × 6 = 1,542	7) 496 × 6 = 2,976
8) 786 × 7 = 5,502	9) 307 × 7 = 2,149	10) 168 × 2 = 336	11) 445 × 4 = 1,780	12) 970 × 5 = 4,850	13) 245 × 8 = 1,960	14) 392 × 9 = 3,528
15) 622 × 6 = 3,732	16) 503 × 5 = 2,515	17) 265 × 9 = 2,385	18) 314 × 5 = 1,570	19) 573 × 4 = 2,292	20) 657 × 4 = 2,628	21) 663 × 2 = 1,326
22) 233 × 4 = 932	23) 642 × 6 = 3,852	24) 703 × 7 = 4,921	25) 255 × 4 = 1,020	26) 269 × 5 = 1,345	27) 586 × 9 = 5,274	28) 373 × 2 = 746
29) 255 × 6 = 1,530	30) 706 × 8 = 5,648	31) 549 × 4 = 2,196	32) 921 × 8 = 7,368	33) 693 × 9 = 6,237	34) 386 × 6 = 2,316	35) 283 × 5 = 1,415
36) 243 × 2 = 486	37) 133 × 9 = 1,197	38) 476 × 5 = 2,380	39) 159 × 8 = 1,272	40) 840 × 7 = 5,880	41) 142 × 7 = 994	42) 689 × 4 = 2,756
43) 387 × 3 = 1,161	44) 826 × 4 = 3,304	45) 646 × 4 = 2,584	46) 324 × 2 = 648	47) 598 × 9 = 5,382	48) 761 × 5 = 3,805	49) 184 × 5 = 920
50) 581 × 8 = 4,648	51) 284 × 3 = 852	52) 496 × 9 = 4,464	53) 221 × 3 = 663	54) 406 × 8 = 3,248	55) 516 × 9 = 4,644	56) 950 × 5 = 4,750
57) 695 × 2 = 1,390	58) 697 × 9 = 6,273	59) 678 × 7 = 4,746	60) 541 × 7 = 3,787	61) 117 × 2 = 234	62) 929 × 10 = 9,290	63) 182 × 3 = 546

Name:_____ Class:_____ Date:____/____/_____

Advanced Multiplication - Selected Multipliers

Find the product.

1) 9 × 75 = 675	2) 9 × 3 = 27	3) 10 × 11 = 110	4) 10 × 4 = 40	5) 7 × 75 = 525	6) 5 × 20 = 100	7) 9 × 30 = 270
8) 9 × 100 = 900	9) 8 × 50 = 400	10) 6 × 12 = 72	11) 3 × 4 = 12	12) 2 × 50 = 100	13) 7 × 50 = 350	14) 3 × 25 = 75
15) 8 × 3 = 24	16) 5 × 8 = 40	17) 6 × 20 = 120	18) 4 × 30 = 120	19) 6 × 4 = 24	20) 5 × 10 = 50	21) 2 × 6 = 12
22) 6 × 25 = 150	23) 9 × 5 = 45	24) 6 × 5 = 30	25) 5 × 60 = 300	26) 4 × 75 = 300	27) 7 × 11 = 77	28) 7 × 10 = 70
29) 5 × 11 = 55	30) 4 × 8 = 32	31) 8 × 11 = 88	32) 10 × 5 = 50	33) 4 × 11 = 44	34) 5 × 12 = 60	35) 10 × 30 = 300
36) 3 × 2 = 6	37) 4 × 50 = 200	38) 4 × 100 = 400	39) 8 × 4 = 32	40) 9 × 4 = 36	41) 3 × 50 = 150	42) 4 × 12 = 48
43) 2 × 25 = 50	44) 4 × 60 = 240	45) 5 × 30 = 150	46) 6 × 2 = 12	47) 7 × 30 = 210	48) 3 × 10 = 30	49) 10 × 3 = 30
50) 5 × 3 = 15	51) 5 × 25 = 125	52) 10 × 8 = 80	53) 6 × 7 = 42	54) 8 × 30 = 240	55) 3 × 12 = 36	56) 5 × 5 = 25
57) 6 × 60 = 360	58) 3 × 3 = 9	59) 5 × 2 = 10	60) 4 × 5 = 20	61) 4 × 9 = 36	62) 6 × 6 = 36	63) 5 × 40 = 200

Name:_____ Class:_____ Date:____/____/_____

Advanced Subtraction

Find the difference.

1) 44 − 41 = 3	2) 11 − 11 = 0	3) 71 − 19 = 52	4) 76 − 13 = 63	5) 66 − 13 = 53	6) 68 − 68 = 0	7) 97 − 31 = 66	8) 97 − 93 = 4
9) 77 − 20 = 57	10) 87 − 32 = 55	11) 78 − 45 = 33	12) 97 − 33 = 64	13) 44 − 13 = 31	14) 77 − 63 = 14	15) 90 − 56 = 34	16) 40 − 36 = 4
17) 74 − 27 = 47	18) 34 − 12 = 22	19) 80 − 60 = 20	20) 89 − 11 = 78	21) 43 − 24 = 19	22) 68 − 64 = 4	23) 33 − 14 = 19	24) 51 − 20 = 31
25) 92 − 75 = 17	26) 54 − 16 = 38	27) 90 − 43 = 47	28) 74 − 40 = 34	29) 43 − 19 = 24	30) 90 − 75 = 15	31) 93 − 30 = 63	32) 45 − 31 = 14
33) 70 − 45 = 25	34) 54 − 27 = 27	35) 23 − 18 = 5	36) 45 − 17 = 28	37) 27 − 27 = 0	38) 69 − 27 = 42	39) 84 − 10 = 74	40) 91 − 81 = 10
41) 50 − 15 = 35	42) 34 − 22 = 12	43) 77 − 70 = 7	44) 80 − 14 = 66	45) 65 − 23 = 42	46) 83 − 33 = 50	47) 47 − 29 = 18	48) 87 − 16 = 71
49) 20 − 16 = 4	50) 79 − 25 = 54	51) 74 − 57 = 17	52) 77 − 43 = 34	53) 79 − 43 = 36	54) 53 − 42 = 11	55) 61 − 37 = 24	56) 45 − 42 = 3
57) 98 − 80 = 18	58) 91 − 84 = 7	59) 94 − 24 = 70	60) 86 − 22 = 64	61) 90 − 38 = 52	62) 45 − 18 = 27	63) 87 − 47 = 40	64) 75 − 55 = 20
65) 88 − 14 = 74	66) 24 − 19 = 5	67) 56 − 33 = 23	68) 40 − 21 = 19	69) 45 − 12 = 33	70) 59 − 29 = 30	71) 50 − 22 = 28	72) 53 − 25 = 28

Name:_____ Class:_____ Date:____/____/_____

Advanced Subtraction

Find the difference.

1) 685 − 586 = 99	2) 346 − 161 = 185	3) 750 − 682 = 68	4) 995 − 523 = 472	5) 779 − 239 = 540	6) 354 − 312 = 42	7) 450 − 128 = 322
8) 963 − 480 = 483	9) 924 − 239 = 685	10) 750 − 335 = 415	11) 874 − 416 = 458	12) 900 − 706 = 194	13) 221 − 114 = 107	14) 923 − 326 = 597
15) 586 − 401 = 185	16) 678 − 422 = 256	17) 919 − 330 = 589	18) 403 − 180 = 223	19) 590 − 544 = 46	20) 521 − 321 = 200	21) 693 − 227 = 466
22) 597 − 266 = 331	23) 788 − 608 = 180	24) 756 − 613 = 143	25) 801 − 603 = 198	26) 553 − 396 = 157	27) 880 − 457 = 423	28) 958 − 408 = 550
29) 838 − 792 = 46	30) 732 − 123 = 609	31) 857 − 794 = 63	32) 825 − 352 = 473	33) 851 − 371 = 480	34) 811 − 376 = 435	35) 800 − 642 = 158
36) 672 − 301 = 371	37) 780 − 444 = 336	38) 911 − 204 = 707	39) 498 − 180 = 318	40) 570 − 219 = 351	41) 696 − 594 = 102	42) 835 − 604 = 231
43) 656 − 416 = 240	44) 538 − 491 = 47	45) 707 − 215 = 492	46) 889 − 607 = 282	47) 807 − 708 = 99	48) 987 − 176 = 811	49) 244 − 168 = 76
50) 573 − 118 = 455	51) 730 − 676 = 54	52) 904 − 375 = 529	53) 667 − 276 = 391	54) 787 − 328 = 459	55) 576 − 572 = 4	56) 501 − 480 = 21
57) 876 − 450 = 426	58) 286 − 106 = 180	59) 922 − 554 = 368	60) 538 − 189 = 349	61) 191 − 189 = 2	62) 786 − 227 = 559	63) 616 − 580 = 36

Name:_____ Class:_____ Date:____/____/_____

Mixed Advanced Operations

Complete the operations.

1) 355 + 950 = 1,305

2) 943 × 4 = 3,772

3) 977 − 736 = 241

4) 304 × 3 = 912

5) 284 + 651 = 935

6) 442 × 7 = 3,094

7) 8) 739 = 92.375

8) 563 − 530 = 33

9) 851 + 143 = 994

10) 296 + 539 = 835

11) 988 − 265 = 723

12) 3) 677 = 225.667

13) 267 + 431 = 698

14) 861 + 908 = 1,769

15) 776 − 400 = 376

16) 267 − 189 = 78

17) 8) 838 = 104.75

18) 4) 837 = 209.25

19) 3) 108 = 36

20) 8) 634 = 79.25

21) 917 − 453 = 464

22) 7) 239 = 34.143

23) 915 − 183 = 732

24) 346 × 4 = 1,384

25) 939 − 864 = 75

26) 585 − 392 = 193

27) 160 + 428 = 588

28) 9) 660 = 73.333

29) 561 − 530 = 31

30) 830 + 770 = 1,600

31) 199 + 293 = 492

32) 361 + 220 = 581

33) 986 + 513 = 1,499

34) 258 − 213 = 45

35) 465 + 891 = 1,356

36) 5) 308 = 61.6

37) 973 × 3 = 2,919

38) 4) 595 = 148.75

39) 838 × 8 = 6,704

40) 10) 417 = 41.7

41) 722 × 9 = 6,498

42) 796 × 4 = 3,184

43) 232 × 9 = 2,088

44) 521 × 5 = 2,605

45) 231 × 6 = 1,386

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	69	2)	65	3)	29	4)	64	5)	50	6)	82	7)	36	8)	53
	67		28		11		39		62		30		31		54
	+ 25		+ 35		+ 37		+ 69		+ 48		+ 80		+ 75		+ 77
	161		128		77		172		160		192		142		184
9)	18	10)	77	11)	88	12)	71	13)	96	14)	65	15)	37	16)	74
	79		88		42		95		30		51		13		15
	+ 98		+ 25		+ 92		+ 24		+ 80		+ 31		+ 76		+ 40
	195		190		222		190		206		147		126		129
17)	55	18)	89	19)	82	20)	47	21)	36	22)	21	23)	76	24)	35
	76		64		26		57		52		75		78		85
	+ 53		+ 75		+ 22		+ 48		+ 22		+ 96		+ 67		+ 99
	184		228		130		152		110		192		221		219
25)	99	26)	54	27)	10	28)	68	29)	72	30)	27	31)	11	32)	41
	70		25		44		32		98		88		59		38
	+ 79		+ 51		+ 73		+ 22		+ 77		+ 78		+ 73		+ 99
	248		130		127		122		247		193		143		178
33)	19	34)	79	35)	72	36)	53	37)	95	38)	70	39)	74	40)	10
	26		97		30		90		38		47		67		49
	+ 37		+ 36		+ 90		+ 92		+ 11		+ 23		+ 30		+ 76
	82		212		192		235		144		140		171		135
41)	29	42)	88	43)	36	44)	80	45)	24	46)	47	47)	30	48)	83
	59		33		67		45		30		96		29		31
	+ 89		+ 36		+ 42		+ 99		+ 46		+ 12		+ 18		+ 60
	177		157		145		224		100		155		77		174
49)	77	50)	60	51)	79	52)	60	53)	46	54)	65	55)	61	56)	11
	40		66		18		60		83		27		26		56
	+ 22		+ 71		+ 76		+ 48		+ 96		+ 32		+ 92		+ 26
	139		197		173		168		225		124		179		93

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	59	2)	12	3)	27	4)	37	5)	87	6)	41	7)	98	8)	97
	78		76		88		58		79		70		62		27
	20		80		75		58		62		50		96		90
	+ 51		+ 75		+ 75		+ 40		+ 84		+ 23		+ 17		+ 51
	208		243		265		193		312		184		273		265
9)	14	10)	29	11)	91	12)	56	13)	39	14)	21	15)	38	16)	79
	22		45		87		82		19		79		96		73
	64		43		19		77		79		54		52		77
	+ 85		+ 82		+ 24		+ 30		+ 93		+ 87		+ 49		+ 10
	185		199		221		245		230		241		235		239
17)	97	18)	92	19)	46	20)	61	21)	84	22)	47	23)	67	24)	93
	34		71		79		36		76		96		76		93
	71		21		92		66		77		40		57		13
	+ 25		+ 52		+ 53		+ 26		+ 88		+ 34		+ 32		+ 27
	227		236		270		189		325		217		232		226
25)	20	26)	21	27)	97	28)	86	29)	41	30)	95	31)	94	32)	24
	18		62		37		12		36		88		47		88
	26		37		56		36		64		62		57		58
	+ 32		+ 67		+ 42		+ 12		+ 13		+ 10		+ 27		+ 52
	96		187		232		146		154		255		225		222
33)	76	34)	20	35)	49	36)	50	37)	50	38)	38	39)	55	40)	15
	75		44		20		97		55		10		26		20
	42		15		90		47		90		31		37		52
	+ 53		+ 32		+ 20		+ 65		+ 67		+ 32		+ 73		+ 19
	246		111		179		259		262		111		191		106
41)	78	42)	69	43)	30	44)	97	45)	99	46)	97	47)	53	48)	17
	14		82		42		52		91		90		21		42
	65		92		63		60		76		24		97		27
	+ 21		+ 96		+ 85		+ 96		+ 69		+ 76		+ 93		+ 39
	178		339		220		305		335		287		264		125

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	15	2)	31	3)	50	4)	17	5)	18	6)	93	7)	87	8)	50
	52		44		49		48		85		84		80		13
	55		49		27		80		40		49		98		50
	95		74		10		87		42		42		98		49
	+ 20		+ 60		+ 62		+ 94		+ 92		+ 25		+ 43		+ 85
	237		258		198		326		277		293		406		247

9)	78	10)	30	11)	81	12)	29	13)	46	14)	69	15)	13	16)	84
	34		91		10		21		94		50		97		65
	30		26		86		23		16		28		42		70
	69		25		46		13		59		66		13		98
	+ 42		+ 79		+ 81		+ 26		+ 71		+ 23		+ 26		+ 72
	253		251		304		112		286		236		191		389

17)	12	18)	87	19)	38	20)	83	21)	79	22)	84	23)	63	24)	77
	68		93		89		27		73		68		50		70
	34		61		47		69		58		84		24		53
	62		27		33		97		12		30		39		27
	+ 43		+ 24		+ 48		+ 72		+ 76		+ 96		+ 25		+ 84
	219		292		255		348		298		362		201		311

25)	75	26)	23	27)	66	28)	37	29)	29	30)	87	31)	23	32)	90
	88		59		94		19		19		75		73		73
	11		19		72		32		41		18		53		16
	53		63		36		85		30		18		23		28
	+ 83		+ 42		+ 93		+ 58		+ 59		+ 70		+ 96		+ 62
	310		206		361		231		178		268		268		269

33)	34	34)	68	35)	68	36)	66	37)	47	38)	92	39)	63	40)	70
	58		78		48		57		51		52		14		88
	30		86		67		79		11		59		15		54
	87		46		68		92		92		40		33		90
	+ 40		+ 86		+ 64		+ 96		+ 30		+ 13		+ 34		+ 90
	249		364		315		390		231		256		159		392

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1) 523 + 301 + 681 = 1,505	2) 307 + 894 + 129 = 1,330	3) 272 + 342 + 109 = 723	4) 308 + 972 + 662 = 1,942	5) 709 + 692 + 702 = 2,103	6) 715 + 435 + 471 = 1,621	7) 304 + 332 + 941 = 1,577
8) 786 + 261 + 792 = 1,839	9) 783 + 164 + 778 = 1,725	10) 637 + 851 + 326 = 1,814	11) 198 + 523 + 215 = 936	12) 336 + 341 + 301 = 978	13) 725 + 753 + 808 = 2,286	14) 513 + 803 + 753 = 2,069
15) 864 + 618 + 430 = 1,912	16) 238 + 783 + 371 = 1,392	17) 135 + 382 + 472 = 989	18) 845 + 596 + 307 = 1,748	19) 146 + 736 + 141 = 1,023	20) 887 + 524 + 831 = 2,242	21) 350 + 634 + 490 = 1,474
22) 782 + 211 + 549 = 1,542	23) 547 + 474 + 450 = 1,471	24) 501 + 989 + 681 = 2,171	25) 662 + 790 + 528 = 1,980	26) 287 + 921 + 641 = 1,849	27) 462 + 645 + 379 = 1,486	28) 508 + 602 + 569 = 1,679
29) 853 + 351 + 926 = 2,130	30) 907 + 290 + 605 = 1,802	31) 260 + 837 + 329 = 1,426	32) 976 + 263 + 270 = 1,509	33) 363 + 182 + 508 = 1,053	34) 880 + 689 + 410 = 1,979	35) 919 + 633 + 392 = 1,944
36) 790 + 283 + 804 = 1,877	37) 778 + 858 + 813 = 2,449	38) 498 + 525 + 878 = 1,901	39) 552 + 841 + 132 = 1,525	40) 920 + 927 + 858 = 2,705	41) 622 + 639 + 284 = 1,545	42) 845 + 341 + 252 = 1,438
43) 452 + 685 + 627 = 1,764	44) 359 + 924 + 839 = 2,122	45) 233 + 581 + 955 = 1,769	46) 969 + 587 + 967 = 2,523	47) 277 + 163 + 169 = 609	48) 222 + 229 + 431 = 882	49) 791 + 761 + 412 = 1,964

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	121	2)	925	3)	371	4)	829	5)	352	6)	692	7)	471
	153		938		635		379		608		553		600
	583		110		652		524		538		495		309
	+ 830		+ 799		+ 286		+ 178		+ 777		+ 382		+ 236
	1,687		2,772		1,944		1,910		2,275		2,122		1,616
8)	758	9)	671	10)	867	11)	365	12)	266	13)	533	14)	298
	498		394		287		574		924		453		718
	861		256		849		485		805		301		913
	+ 588		+ 457		+ 249		+ 910		+ 500		+ 716		+ 567
	2,705		1,778		2,252		2,334		2,495		2,003		2,496
15)	657	16)	728	17)	773	18)	223	19)	758	20)	168	21)	794
	301		873		164		166		389		584		809
	459		141		613		309		512		217		702
	+ 425		+ 873		+ 535		+ 165		+ 218		+ 546		+ 405
	1,842		2,615		2,085		863		1,877		1,515		2,710
22)	296	23)	480	24)	828	25)	533	26)	411	27)	244	28)	306
	245		689		524		612		370		237		795
	390		800		520		237		377		957		498
	+ 952		+ 667		+ 490		+ 201		+ 467		+ 908		+ 173
	1,883		2,636		2,362		1,583		1,625		2,346		1,772
29)	184	30)	271	31)	774	32)	365	33)	868	34)	447	35)	532
	912		734		660		641		122		116		335
	630		676		154		336		683		235		261
	+ 918		+ 628		+ 533		+ 334		+ 556		+ 524		+ 160
	2,644		2,309		2,121		1,676		2,229		1,322		1,288
36)	288	37)	290	38)	893	39)	934	40)	316	41)	899	42)	212
	481		727		600		608		843		722		942
	747		583		319		427		201		140		725
	+ 684		+ 915		+ 798		+ 750		+ 602		+ 284		+ 168
	2,200		2,515		2,610		2,719		1,962		2,045		2,047

Name:_____ Class:_____ Date:____/____/_____

Multiple Addends

Find the sum.

1)	337	2)	375	3)	596	4)	948	5)	584	6)	220	7)	544
	726		739		522		578		731		113		482
	819		803		831		949		808		428		319
	384		608		580		105		252		183		294
	+ 551		+ 291		+ 864		+ 215		+ 434		+ 607		+ 134
	2,817		2,816		3,393		2,795		2,809		1,551		1,773

8)	480	9)	203	10)	868	11)	391	12)	604	13)	362	14)	214
	537		116		961		258		917		411		303
	931		122		858		551		667		720		636
	405		534		586		117		950		102		546
	+ 607		+ 342		+ 199		+ 983		+ 431		+ 746		+ 484
	2,960		1,317		3,472		2,300		3,569		2,341		2,183

15)	511	16)	569	17)	258	18)	386	19)	562	20)	791	21)	664
	646		710		254		930		869		395		425
	644		374		842		302		981		120		412
	497		909		983		311		973		787		201
	+ 112		+ 565		+ 315		+ 529		+ 345		+ 228		+ 687
	2,410		3,127		2,652		2,458		3,730		2,321		2,389

22)	745	23)	894	24)	208	25)	283	26)	642	27)	274	28)	832
	613		643		568		101		664		690		842
	154		757		736		426		670		586		740
	105		484		785		117		252		781		396
	+ 514		+ 273		+ 460		+ 922		+ 320		+ 900		+ 570
	2,131		3,051		2,757		1,849		2,548		3,231		3,380

29)	772	30)	917	31)	323	32)	663	33)	181	34)	304	35)	366
	876		212		658		998		942		157		827
	298		596		334		394		901		975		440
	796		801		427		278		784		583		316
	+ 634		+ 236		+ 944		+ 145		+ 340		+ 440		+ 687
	3,376		2,762		2,686		2,478		3,148		2,459		2,636

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 80 × 10 = 800	2) 34 × 10 = 340	3) 36 × 10 = 360	4) 12 × 10 = 120	5) 84 × 10 = 840	6) 45 × 10 = 450	7) 70 × 10 = 700	8) 90 × 10 = 900
9) 87 × 10 = 870	10) 62 × 10 = 620	11) 58 × 10 = 580	12) 33 × 10 = 330	13) 98 × 10 = 980	14) 61 × 10 = 610	15) 48 × 10 = 480	16) 53 × 10 = 530
17) 92 × 10 = 920	18) 66 × 10 = 660	19) 88 × 10 = 880	20) 32 × 10 = 320	21) 63 × 10 = 630	22) 40 × 10 = 400	23) 10 × 10 = 100	24) 49 × 10 = 490
25) 25 × 10 = 250	26) 47 × 10 = 470	27) 38 × 10 = 380	28) 97 × 10 = 970	29) 96 × 10 = 960	30) 37 × 10 = 370	31) 72 × 10 = 720	32) 27 × 10 = 270
33) 51 × 10 = 510	34) 24 × 10 = 240	35) 35 × 10 = 350	36) 93 × 10 = 930	37) 76 × 10 = 760	38) 18 × 10 = 180	39) 20 × 10 = 200	40) 64 × 10 = 640
41) 69 × 10 = 690	42) 15 × 10 = 150	43) 44 × 10 = 440	44) 22 × 10 = 220	45) 94 × 10 = 940	46) 26 × 10 = 260	47) 30 × 10 = 300	48) 46 × 10 = 460
49) 85 × 10 = 850	50) 41 × 10 = 410	51) 11 × 10 = 110	52) 16 × 10 = 160	53) 17 × 10 = 170	54) 42 × 10 = 420	55) 28 × 10 = 280	56) 89 × 10 = 890
57) 81 × 10 = 810	58) 57 × 10 = 570	59) 79 × 10 = 790	60) 23 × 10 = 230	61) 67 × 10 = 670	62) 95 × 10 = 950	63) 39 × 10 = 390	64) 29 × 10 = 290
65) 50 × 10 = 500	66) 78 × 10 = 780	67) 56 × 10 = 560	68) 68 × 10 = 680	69) 21 × 10 = 210	70) 43 × 10 = 430	71) 73 × 10 = 730	72) 52 × 10 = 520

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 78 × 100 = 7,800	2) 62 × 100 = 6,200	3) 16 × 100 = 1,600	4) 91 × 100 = 9,100	5) 24 × 100 = 2,400	6) 71 × 100 = 7,100	7) 11 × 100 = 1,100
8) 64 × 100 = 6,400	9) 25 × 100 = 2,500	10) 19 × 100 = 1,900	11) 80 × 100 = 8,000	12) 28 × 100 = 2,800	13) 47 × 100 = 4,700	14) 30 × 100 = 3,000
15) 29 × 100 = 2,900	16) 22 × 100 = 2,200	17) 96 × 100 = 9,600	18) 36 × 100 = 3,600	19) 41 × 100 = 4,100	20) 93 × 100 = 9,300	21) 89 × 100 = 8,900
22) 34 × 100 = 3,400	23) 77 × 100 = 7,700	24) 67 × 100 = 6,700	25) 76 × 100 = 7,600	26) 46 × 100 = 4,600	27) 88 × 100 = 8,800	28) 54 × 100 = 5,400
29) 38 × 100 = 3,800	30) 79 × 100 = 7,900	31) 68 × 100 = 6,800	32) 55 × 100 = 5,500	33) 66 × 100 = 6,600	34) 69 × 100 = 6,900	35) 95 × 100 = 9,500
36) 43 × 100 = 4,300	37) 87 × 100 = 8,700	38) 65 × 100 = 6,500	39) 37 × 100 = 3,700	40) 90 × 100 = 9,000	41) 32 × 100 = 3,200	42) 13 × 100 = 1,300
43) 26 × 100 = 2,600	44) 70 × 100 = 7,000	45) 84 × 100 = 8,400	46) 81 × 100 = 8,100	47) 83 × 100 = 8,300	48) 56 × 100 = 5,600	49) 21 × 100 = 2,100
50) 60 × 100 = 6,000	51) 74 × 100 = 7,400	52) 53 × 100 = 5,300	53) 35 × 100 = 3,500	54) 48 × 100 = 4,800	55) 51 × 100 = 5,100	56) 45 × 100 = 4,500
57) 94 × 100 = 9,400	58) 52 × 100 = 5,200	59) 31 × 100 = 3,100	60) 39 × 100 = 3,900	61) 58 × 100 = 5,800	62) 57 × 100 = 5,700	63) 50 × 100 = 5,000

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 18 × 1,000 = 18,000	2) 23 × 1,000 = 23,000	3) 17 × 1,000 = 17,000	4) 72 × 1,000 = 72,000	5) 28 × 1,000 = 28,000	6) 94 × 1,000 = 94,000
7) 16 × 1,000 = 16,000	8) 79 × 1,000 = 79,000	9) 45 × 1,000 = 45,000	10) 10 × 1,000 = 10,000	11) 27 × 1,000 = 27,000	12) 20 × 1,000 = 20,000
13) 88 × 1,000 = 88,000	14) 32 × 1,000 = 32,000	15) 22 × 1,000 = 22,000	16) 86 × 1,000 = 86,000	17) 19 × 1,000 = 19,000	18) 65 × 1,000 = 65,000
19) 83 × 1,000 = 83,000	20) 15 × 1,000 = 15,000	21) 12 × 1,000 = 12,000	22) 98 × 1,000 = 98,000	23) 42 × 1,000 = 42,000	24) 47 × 1,000 = 47,000
25) 71 × 1,000 = 71,000	26) 93 × 1,000 = 93,000	27) 77 × 1,000 = 77,000	28) 33 × 1,000 = 33,000	29) 38 × 1,000 = 38,000	30) 81 × 1,000 = 81,000
31) 53 × 1,000 = 53,000	32) 25 × 1,000 = 25,000	33) 84 × 1,000 = 84,000	34) 31 × 1,000 = 31,000	35) 55 × 1,000 = 55,000	36) 30 × 1,000 = 30,000
37) 92 × 1,000 = 92,000	38) 97 × 1,000 = 97,000	39) 66 × 1,000 = 66,000	40) 69 × 1,000 = 69,000	41) 57 × 1,000 = 57,000	42) 34 × 1,000 = 34,000
43) 24 × 1,000 = 24,000	44) 40 × 1,000 = 40,000	45) 80 × 1,000 = 80,000	46) 21 × 1,000 = 21,000	47) 91 × 1,000 = 91,000	48) 67 × 1,000 = 67,000
49) 49 × 1,000 = 49,000	50) 82 × 1,000 = 82,000	51) 96 × 1,000 = 96,000	52) 60 × 1,000 = 60,000	53) 78 × 1,000 = 78,000	54) 44 × 1,000 = 44,000

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 27 × 0.1 = 2.7	2) 51 × 0.1 = 5.1	3) 37 × 0.1 = 3.7	4) 86 × 0.1 = 8.6	5) 71 × 0.1 = 7.1	6) 92 × 0.1 = 9.2	7) 65 × 0.1 = 6.5	8) 70 × 0.1 = 7.0
9) 75 × 0.1 = 7.5	10) 99 × 0.1 = 9.9	11) 55 × 0.1 = 5.5	12) 80 × 0.1 = 8.0	13) 97 × 0.1 = 9.7	14) 39 × 0.1 = 3.9	15) 36 × 0.1 = 3.6	16) 16 × 0.1 = 1.6
17) 53 × 0.1 = 5.3	18) 23 × 0.1 = 2.3	19) 54 × 0.1 = 5.4	20) 57 × 0.1 = 5.7	21) 26 × 0.1 = 2.6	22) 77 × 0.1 = 7.7	23) 98 × 0.1 = 9.8	24) 29 × 0.1 = 2.9
25) 90 × 0.1 = 9.0	26) 96 × 0.1 = 9.6	27) 43 × 0.1 = 4.3	28) 38 × 0.1 = 3.8	29) 60 × 0.1 = 6.0	30) 72 × 0.1 = 7.2	31) 81 × 0.1 = 8.1	32) 58 × 0.1 = 5.8
33) 95 × 0.1 = 9.5	34) 94 × 0.1 = 9.4	35) 11 × 0.1 = 1.1	36) 15 × 0.1 = 1.5	37) 64 × 0.1 = 6.4	38) 10 × 0.1 = 1.0	39) 66 × 0.1 = 6.6	40) 32 × 0.1 = 3.2
41) 56 × 0.1 = 5.6	42) 73 × 0.1 = 7.3	43) 67 × 0.1 = 6.7	44) 28 × 0.1 = 2.8	45) 47 × 0.1 = 4.7	46) 49 × 0.1 = 4.9	47) 13 × 0.1 = 1.3	48) 17 × 0.1 = 1.7
49) 41 × 0.1 = 4.1	50) 78 × 0.1 = 7.8	51) 59 × 0.1 = 5.9	52) 24 × 0.1 = 2.4	53) 25 × 0.1 = 2.5	54) 45 × 0.1 = 4.5	55) 21 × 0.1 = 2.1	56) 93 × 0.1 = 9.3
57) 40 × 0.1 = 4.0	58) 84 × 0.1 = 8.4	59) 44 × 0.1 = 4.4	60) 12 × 0.1 = 1.2	61) 69 × 0.1 = 6.9	62) 82 × 0.1 = 8.2	63) 68 × 0.1 = 6.8	64) 34 × 0.1 = 3.4
65) 91 × 0.1 = 9.1	66) 88 × 0.1 = 8.8	67) 19 × 0.1 = 1.9	68) 42 × 0.1 = 4.2	69) 83 × 0.1 = 8.3	70) 52 × 0.1 = 5.2	71) 35 × 0.1 = 3.5	72) 62 × 0.1 = 6.2

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 70 × 0.01 = 0.70	2) 67 × 0.01 = 0.67	3) 12 × 0.01 = 0.12	4) 50 × 0.01 = 0.50	5) 43 × 0.01 = 0.43	6) 41 × 0.01 = 0.41	7) 79 × 0.01 = 0.79
8) 57 × 0.01 = 0.57	9) 61 × 0.01 = 0.61	10) 90 × 0.01 = 0.90	11) 23 × 0.01 = 0.23	12) 22 × 0.01 = 0.22	13) 37 × 0.01 = 0.37	14) 47 × 0.01 = 0.47
15) 95 × 0.01 = 0.95	16) 82 × 0.01 = 0.82	17) 45 × 0.01 = 0.45	18) 33 × 0.01 = 0.33	19) 32 × 0.01 = 0.32	20) 26 × 0.01 = 0.26	21) 46 × 0.01 = 0.46
22) 34 × 0.01 = 0.34	23) 94 × 0.01 = 0.94	24) 66 × 0.01 = 0.66	25) 86 × 0.01 = 0.86	26) 30 × 0.01 = 0.30	27) 62 × 0.01 = 0.62	28) 35 × 0.01 = 0.35
29) 55 × 0.01 = 0.55	30) 16 × 0.01 = 0.16	31) 69 × 0.01 = 0.69	32) 58 × 0.01 = 0.58	33) 81 × 0.01 = 0.81	34) 56 × 0.01 = 0.56	35) 27 × 0.01 = 0.27
36) 64 × 0.01 = 0.64	37) 91 × 0.01 = 0.91	38) 92 × 0.01 = 0.92	39) 29 × 0.01 = 0.29	40) 83 × 0.01 = 0.83	41) 28 × 0.01 = 0.28	42) 14 × 0.01 = 0.14
43) 53 × 0.01 = 0.53	44) 54 × 0.01 = 0.54	45) 77 × 0.01 = 0.77	46) 76 × 0.01 = 0.76	47) 59 × 0.01 = 0.59	48) 36 × 0.01 = 0.36	49) 60 × 0.01 = 0.60
50) 52 × 0.01 = 0.52	51) 89 × 0.01 = 0.89	52) 48 × 0.01 = 0.48	53) 97 × 0.01 = 0.97	54) 40 × 0.01 = 0.40	55) 68 × 0.01 = 0.68	56) 15 × 0.01 = 0.15
57) 21 × 0.01 = 0.21	58) 99 × 0.01 = 0.99	59) 13 × 0.01 = 0.13	60) 20 × 0.01 = 0.20	61) 73 × 0.01 = 0.73	62) 96 × 0.01 = 0.96	63) 31 × 0.01 = 0.31

Name:_____ Class:_____ Date:____/____/_____

Powers of Ten

Find the product.

1) 55 × 0.001 = 0.055	2) 65 × 0.001 = 0.065	3) 21 × 0.001 = 0.021	4) 30 × 0.001 = 0.030	5) 27 × 0.001 = 0.027	6) 71 × 0.001 = 0.071
7) 41 × 0.001 = 0.041	8) 61 × 0.001 = 0.061	9) 80 × 0.001 = 0.080	10) 68 × 0.001 = 0.068	11) 77 × 0.001 = 0.077	12) 63 × 0.001 = 0.063
13) 94 × 0.001 = 0.094	14) 84 × 0.001 = 0.084	15) 95 × 0.001 = 0.095	16) 46 × 0.001 = 0.046	17) 85 × 0.001 = 0.085	18) 14 × 0.001 = 0.014
19) 54 × 0.001 = 0.054	20) 20 × 0.001 = 0.020	21) 42 × 0.001 = 0.042	22) 58 × 0.001 = 0.058	23) 97 × 0.001 = 0.097	24) 60 × 0.001 = 0.060
25) 25 × 0.001 = 0.025	26) 18 × 0.001 = 0.018	27) 15 × 0.001 = 0.015	28) 81 × 0.001 = 0.081	29) 16 × 0.001 = 0.016	30) 52 × 0.001 = 0.052
31) 47 × 0.001 = 0.047	32) 57 × 0.001 = 0.057	33) 37 × 0.001 = 0.037	34) 33 × 0.001 = 0.033	35) 29 × 0.001 = 0.029	36) 43 × 0.001 = 0.043
37) 11 × 0.001 = 0.011	38) 96 × 0.001 = 0.096	39) 70 × 0.001 = 0.070	40) 35 × 0.001 = 0.035	41) 12 × 0.001 = 0.012	42) 32 × 0.001 = 0.032
43) 45 × 0.001 = 0.045	44) 62 × 0.001 = 0.062	45) 36 × 0.001 = 0.036	46) 51 × 0.001 = 0.051	47) 86 × 0.001 = 0.086	48) 74 × 0.001 = 0.074
49) 67 × 0.001 = 0.067	50) 98 × 0.001 = 0.098	51) 22 × 0.001 = 0.022	52) 19 × 0.001 = 0.019	53) 87 × 0.001 = 0.087	54) 82 × 0.001 = 0.082

Name:_____ Class:_____ Date:____/____/_____

Multiple Operations

Find the solution.

1) $12 \times 2 =$ 24
2) $8 \times (11 + 5) =$ 128
3) $5(12 + 2) =$ 70
4) $5 \times 10 + 3 =$ 53
5) $3 + 5 + 4 =$ 12
6) $(12 + 12)(12 + 5) =$ 408
7) $3 \times 9 \times 5 =$ 135
8) $5 + 10 + 7 =$ 22
9) $(9 + 2)^2 + (10 + 4)^2 =$ 317
10) $8 + 10^2 + 12 + 3^2 =$ 129
11) $4 + 10 + 5 =$ 19
12) $9 \times 9 =$ 81
13) $(12 + 2)^2 =$ 196
14) $3 + 7^2 + 12 + 6^2 =$ 100
15) $9 + 11 + 5 =$ 25
16) $2 + 9^2 =$ 83
17) $7 \times 3 \times 2 =$ 42
18) $8 \times 3 + 8 =$ 32
19) $(9^2) \times (8^2) + 4 =$ 5,188
20) $2 + 4^2 + 5 + 7^2 =$ 72
21) $9 + 6^2 =$ 45
22) $7 + 11 - 12 + 11 =$ 17
23) $7 \times 12 + 4 =$ 88
24) $4 + 2 + 4 =$ 10
25) $12 + 3 - 6 + 11 =$ 20
26) $3 \times 9 =$ 27
27) $5 + 12 + 3 =$ 20
28) $(10 + 7) \div 10 =$ 1.7
29) $(5 + 2)^2 + (8 + 3)^2 =$ 170
30) $9 \times 6 \times 8 =$ 432
31) $10 + 9^2 + 8 + 11^2 =$ 220
32) $(7^2) \times (11^2) + 10 =$ 5,939
33) $11 \times 7 \times 7 =$ 539
34) $(10 \times 4) - (11 + 12) =$ 17
35) $5 + 3^2 =$ 14
36) $(7^2) \times (5^2) + 10 =$ 1,235
37) $3 \times (6 + 12) =$ 54
38) $5 \times 6 \times 12 =$ 360
39) $12 \times (10 + 7) =$ 204
40) $(12^2) \times (5^2) + 6 =$ 3,606
41) $(4 + 11) \times (8 + 4) =$ 180
42) $(8 \times 6) - (5 + 11) =$ 32
43) $2 \times 5 =$ 10
44) $(11 + 11)(6 + 5) =$ 242
45) $(7 + 8)^2 + (10 + 2)^2 =$ 369
46) $(11 \times 3) - (10 + 12) =$ 11
47) $5(4 + 11) =$ 75
48) $(6 \times 3) - (11 + 7) =$ 0
49) $(3 + 5) \div 11 =$ 0.727
50) $(3 + 3)(8 + 6) =$ 84
51) $5 \times 10 =$ 50
52) $10 + 10 + 3 =$ 23
53) $6(9 + 11) =$ 120
54) $(7^2) \times (3^2) + 11 =$ 452
55) $2 \times (7 + 5) =$ 24
56) $(12 + 6) \times (3 + 4) =$ 126
57) $8 + 4 + 8 =$ 20

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Multiple Operations: Missing Operators

Supply the missing operators to make the solution true.

1) 11 + 11 + 10 + 7 = 39

2) 5 + 6 + 10 + 4 = 25

3) 10 + 12 + 2 + 7 = 31

4) 6 + 4 + 4 = 14

5) 4 + 5 + 6 + 8 = 23

6) 3 + 6 + 6 = 15

7) 7 + 11 + 10 + 4 = 32

8) 4 + 7 + 3 = 14

9) 5 + 8 + 10 = 23

10) 12 + 6 + 10 + 8 = 36

11) 6 + 9 + 12 = 27

12) 11 + 10 + 7 = 28

13) 11 + 12 + 10 = 33

14) 11 + 11 + 7 + 7 = 36

15) 8 + 9 + 7 = 24

16) 12 + 2 + 6 = 20

17) 7 + 6 + 11 = 24

18) 10 + 3 + 3 + 4 = 20

19) 2 + 6 + 6 + 4 = 18

20) 7 + 2 + 6 = 15

21) 9 + 10 + 8 = 27

22) 7 + 10 + 5 = 22

23) 12 + 7 + 7 = 26

24) 3 + 12 + 6 + 9 = 30

25) 12 + 8 + 9 + 2 = 31

26) 11 + 12 + 2 + 5 = 30

27) 4 + 8 + 12 + 10 = 34

28) 9 + 8 + 6 + 6 = 29

29) 7 + 8 + 5 = 20

30) 10 + 2 + 11 = 23

31) 11 + 2 + 2 + 4 = 19

32) 9 + 7 + 12 + 11 = 39

33) 10 + 11 + 10 + 7 = 38

34) 4 + 7 + 10 + 6 = 27

35) 5 + 7 + 12 + 3 = 27

36) 6 + 4 + 9 + 10 = 29

37) 2 + 10 + 7 = 19

38) 3 + 12 + 7 + 8 = 30

Name:_____ Class:_____ Date:____/____/_____

Equations - Defined Variable

Evaluate each expression when: $y = 1$

1) $5 \div (y + 4) =$ 1

2) $7 - y =$ 6

3) $6^2 + y^2 =$ 37

4) $8y - 6 + 9y =$ 11

5) $2y + y =$ 3

6) $3y + 1 - 7y =$ -3

7) $6 + y =$ 7

8) $5(6 - y) =$ 25

9) $1 + \frac{20}{y} + 9^2 =$ 102

10) $8y - 1 =$ 7

11) $2 - y =$ 1

12) $\frac{8 + y}{y + 2} =$ 3

13) $4 \div y + 6 =$ 10

14) $4 \div y =$ 4

15) $(3y + 4) + (6y - 9) =$ 4

16) $9 \div y =$ 9

17) $y^2 + y - 1 =$ 1

18) $4y - 4 + 7y =$ 7

19) $(3y)^2 =$ 9

20) $9 + \frac{30}{y} + 7^2 =$ 88

21) $\frac{8 + y}{y + 8} =$ 1

22) $9y + y =$ 10

23) $2 + \frac{y}{1} =$ 3

24) $y^2 + y - 8 =$ -6

25) $y^2 + y - 3 =$ -1

26) $5 - y =$ 4

27) $1 + 8y =$ 9

28) $(6y)^2 =$ 36

29) $y^2 + y - 5 =$ -3

30) $3 - y =$ 2

31) $3 + \frac{3 + y}{y} - 7 =$ 0

32) $(7y)(7y) =$ 49

33) $2y + 6 =$ 8

34) $5y + 7y + 2y =$ 14

35) $9 + (8y + 1) - 1 + (7y) =$ 24

36) $y - 1 =$ 0

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $y + 10 = 14$ y = 4
2) $11 - y = 7$ y = 4
3) $4 - y = 1$ y = 3
4) $11 - y = 1$ y = 10
5) $10 + y = 22$ y = 12
6) $y + 5 = 17$ y = 12
7) $y - 9 = -6$ y = 3
8) $y + 12 = 19$ y = 7
9) $y - 12 = -2$ y = 10
10) $y + 1 = 6$ y = 5
11) $y + 7 = 9$ y = 2
12) $11 - y = 8$ y = 3
13) $5 + y = 14$ y = 9
14) $y - 5 = 7$ y = 12
15) $y - 9 = 3$ y = 12
16) $y - 11 = -2$ y = 9
17) $5 - y = -3$ y = 8
18) $5 - y = -4$ y = 9
19) $3 - y = -3$ y = 6
20) $y + 11 = 21$ y = 10
21) $y - 2 = 8$ y = 10
22) $y - 10 = -1$ y = 9
23) $y - 3 = 2$ y = 5
24) $10 - y = 3$ y = 7
25) $y + 11 = 19$ y = 8
26) $1 + y = 7$ y = 6
27) $y + 10 = 12$ y = 2
28) $11 + y = 20$ y = 9
29) $y - 8 = 3$ y = 11
30) $3 - y = -4$ y = 7
31) $10 + y = 12$ y = 2
32) $y + 2 = 5$ y = 3
33) $y - 8 = 4$ y = 12
34) $y + 11 = 15$ y = 4
35) $y - 5 = 4$ y = 9
36) $y + 6 = 8$ y = 2
37) $4 - y = -8$ y = 12
38) $y - 1 = 9$ y = 10
39) $y + 3 = 7$ y = 4
40) $y - 9 = -5$ y = 4
41) $8 + y = 13$ y = 5
42) $y + 11 = 12$ y = 1
43) $y + 12 = 23$ y = 11
44) $6 + y = 14$ y = 8
45) $y + 7 = 17$ y = 10
46) $7 - y = 5$ y = 2
47) $y - 3 = 5$ y = 8
48) $8 - y = -1$ y = 9
49) $3 + y = 13$ y = 10
50) $y - 12 = 0$ y = 12
51) $y + 3 = 14$ y = 11
52) $9 + y = 16$ y = 7
53) $y + 2 = 4$ y = 2
54) $12 - y = 2$ y = 10
55) $5 - y = -1$ y = 6
56) $1 + y = 5$ y = 4
57) $y - 1 = 3$ y = 4
58) $y + 9 = 11$ y = 2
59) $1 + y = 3$ y = 2
60) $y + 1 = 12$ y = 11
61) $y + 1 = 11$ y = 10
62) $8 + y = 11$ y = 3
63) $6 - y = -2$ y = 8
64) $y - 6 = -5$ y = 1
65) $10 + y = 19$ y = 9
66) $7 - y = -4$ y = 11
67) $2 + y = 6$ y = 4
68) $10 + y = 14$ y = 4
69) $8 - y = -4$ y = 12
70) $y - 10 = -7$ y = 3
71) $10 + y = 13$ y = 3
72) $y - 4 = 3$ y = 7
73) $6 - y = 3$ y = 3
74) $y - 9 = 2$ y = 11
75) $y - 2 = 7$ y = 9
76) $y - 10 = -3$ y = 7

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $9y - 4 = 86$ y = 10
2) $8y + 10 = 18$ y = 1
3) $9y + 11 = 47$ y = 4
4) $5y - 6 = 14$ y = 4
5) $8y + 10 = 82$ y = 9
6) $10y - 6 = 114$ y = 12
7) $10y + 12 = 102$ y = 9
8) $8y - 2 = 94$ y = 12
9) $12y - 9 = 75$ y = 7
10) $5y - 9 = 6$ y = 3
11) $9y + 3 = 30$ y = 3
12) $3y + 4 = 37$ y = 11
13) $8y + 5 = 21$ y = 2
14) $10y + 9 = 39$ y = 3
15) $y + 6 = 12$ y = 6
16) $9y + 5 = 104$ y = 11
17) $10y - 11 = 29$ y = 4
18) $10y - 8 = 102$ y = 11
19) $4y - 10 = -6$ y = 1
20) $3y - 7 = 20$ y = 9
21) $2y + 1 = 11$ y = 5
22) $3y - 2 = 25$ y = 9
23) $3y - 10 = 8$ y = 6
24) $6y - 10 = 8$ y = 3
25) $2y - 6 = 18$ y = 12
26) $3y - 7 = 17$ y = 8
27) $8y + 8 = 32$ y = 3
28) $4y + 12 = 40$ y = 7
29) $11y - 4 = 117$ y = 11
30) $8y - 10 = 86$ y = 12
31) $7y + 6 = 41$ y = 5
32) $11y - 11 = 88$ y = 9
33) $8y + 10 = 98$ y = 11
34) $5y - 5 = 30$ y = 7
35) $8y - 2 = 38$ y = 5
36) $y + 11 = 20$ y = 9
37) $2y - 5 = -3$ y = 1
38) $3y + 6 = 27$ y = 7
39) $11y - 11 = 110$ y = 11
40) $2y - 10 = -2$ y = 4
41) $10y + 7 = 87$ y = 8
42) $12y - 10 = 134$ y = 12
43) $4y - 4 = 12$ y = 4
44) $8y + 9 = 65$ y = 7
45) $10y - 9 = 31$ y = 4
46) $4y - 3 = 33$ y = 9
47) $10y - 3 = 97$ y = 10
48) $6y + 11 = 47$ y = 6
49) $6y - 11 = 13$ y = 4
50) $12y + 11 = 155$ y = 12
51) $12y - 7 = 65$ y = 6
52) $12y + 11 = 95$ y = 7
53) $11y - 5 = 83$ y = 8
54) $4y + 6 = 42$ y = 9
55) $8y - 6 = 42$ y = 6
56) $9y + 3 = 57$ y = 6
57) $10y + 2 = 82$ y = 8

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Equations - Single Variable (One Side)

Solve for the variable.

1) $2 + 7y = 58$ y = 8
2) $10y + y = 44$ y = 4
3) $3y - y = 2$ y = 1
4) $8y - y = 84$ y = 12
5) $y + y = 14$ y = 7
6) $3 + 4y = 51$ y = 12
7) $9 + 12y = 105$ y = 8
8) $5y + y = 30$ y = 5
9) $12y - y = 88$ y = 8
10) $6y - y = 5$ y = 1
11) $3y - y = 24$ y = 12
12) $9 + 8y = 33$ y = 3
13) $7y + y = 48$ y = 6
14) $6 + 2y = 10$ y = 2
15) $5y + y = 54$ y = 9
16) $8y - y = 49$ y = 7
17) $7 + 5y = 67$ y = 12
18) $9y - y = 56$ y = 7
19) $12 + 2y = 20$ y = 4
20) $3 + 10y = 33$ y = 3
21) $10y + y = 110$ y = 10
22) $6y - y = 15$ y = 3
23) $1 + 10y = 41$ y = 4
24) $6y - y = 55$ y = 11
25) $7 + 7y = 84$ y = 11
26) $y - y = 0$ y = 7 or -199 or -198 or -197 or...
27) $8 + 5y = 18$ y = 2
28) $11y - y = 40$ y = 4
29) $2y + y = 18$ y = 6
30) $1 + 12y = 73$ y = 6
31) $3 + y = 10$ y = 7
32) $11y + y = 132$ y = 11
33) $9y - y = 96$ y = 12
34) $5 + 5y = 55$ y = 10
35) $12y + y = 39$ y = 3
36) $2y + y = 15$ y = 5
37) $2y - y = 1$ y = 1
38) $2y - y = 2$ y = 2

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Equations - Single Variable (One Side)

Solve for the variable.

1) $12(1 + y) = 84$ y = 6
2) $2(5 + y) = 26$ y = 8
3) $3(3 - y) = -6$ y = 5
4) $3(6 + y) = 51$ y = 11
5) $9(11 - y) = 36$ y = 7
6) $3(5 + y) = 42$ y = 9
7) $8(3 + y) = 88$ y = 8
8) $1(6 - y) = 0$ y = 6
9) $11(1 + y) = 33$ y = 2
10) $1(1 + y) = 4$ y = 3
11) $12(7 - y) = 48$ y = 3
12) $5(12 + y) = 95$ y = 7
13) $9(1 + y) = 72$ y = 7
14) $1(9 + y) = 13$ y = 4
15) $5(6 + y) = 40$ y = 2
16) $5(12 - y) = 55$ y = 1
17) $6(12 + y) = 132$ y = 10
18) $4(11 + y) = 88$ y = 11
19) $4(12 - y) = 16$ y = 8
20) $12(4 - y) = 0$ y = 4
21) $6(2 + y) = 24$ y = 2
22) $3(4 + y) = 48$ y = 12
23) $9(4 + y) = 135$ y = 11
24) $1(6 - y) = 1$ y = 5
25) $2(7 + y) = 26$ y = 6
26) $5(8 + y) = 100$ y = 12
27) $5(7 + y) = 45$ y = 2
28) $1(7 - y) = 5$ y = 2
29) $5(8 + y) = 80$ y = 8
30) $4(2 - y) = 4$ y = 1
31) $11(9 + y) = 209$ y = 10
32) $4(7 + y) = 56$ y = 7
33) $2(3 + y) = 12$ y = 3
34) $2(8 - y) = 0$ y = 8
35) $3(6 + y) = 36$ y = 6
36) $6(3 + y) = 42$ y = 4
37) $6(12 - y) = 42$ y = 5
38) $8(8 - y) = -16$ y = 10
39) $3(5 + y) = 39$ y = 8
40) $1(11 + y) = 19$ y = 8
41) $4(5 - y) = 8$ y = 3
42) $11(2 - y) = -88$ y = 10
43) $7(11 - y) = 70$ y = 1
44) $11(3 - y) = -22$ y = 5
45) $9(3 - y) = -72$ y = 11
46) $7(11 - y) = 63$ y = 2
47) $8(11 - y) = 40$ y = 6
48) $5(11 + y) = 65$ y = 2
49) $9(3 - y) = 9$ y = 2
50) $1(2 - y) = 0$ y = 2
51) $12(1 - y) = -36$ y = 4
52) $8(10 + y) = 112$ y = 4
53) $6(4 + y) = 54$ y = 5
54) $9(12 + y) = 144$ y = 4
55) $3(7 + y) = 48$ y = 9
56) $12(12 + y) = 204$ y = 5
57) $12(8 - y) = 12$ y = 7

Name:_____ Class:_____ Date:____/____/_____

Equations - Single Variable (One Side)

Solve for the variable.

1) $12(6 + y) = 180$ y = 9
2) $7(1 + y) = 35$ y = 4
3) $8(7 - y) = 8$ y = 6
4) $8(9 + y) = 120$ y = 6
5) $4(4 - y) = -4$ y = 5
6) $10(9 + y) = 130$ y = 4
7) $9(7 - y) = -9$ y = 8
8) $9(8 - y) = -36$ y = 12
9) $11(4 + y) = 55$ y = 1
10) $5(11 + y) = 70$ y = 3
11) $5(2 + y) = 65$ y = 11
12) $2(3 + y) = 8$ y = 1
13) $1(2 - y) = -9$ y = 11
14) $10(5 - y) = -20$ y = 7
15) $8(6 - y) = 16$ y = 4
16) $7(11 + y) = 105$ y = 4
17) $1(2 - y) = -8$ y = 10
18) $2(2 - y) = -18$ y = 11
19) $9(4 + y) = 135$ y = 11
20) $10(9 + y) = 190$ y = 10
21) $3(4 - y) = -15$ y = 9
22) $4(4 - y) = -12$ y = 7
23) $8(2 - y) = 8$ y = 1
24) $5(10 - y) = 15$ y = 7
25) $6(12 - y) = 54$ y = 3
26) $1(1 - y) = -1$ y = 2
27) $9(4 - y) = -9$ y = 5
28) $10(4 + y) = 130$ y = 9
29) $6(3 - y) = -54$ y = 12
30) $1(5 - y) = -7$ y = 12
31) $2(4 - y) = -4$ y = 6
32) $2(7 - y) = 12$ y = 1
33) $11(5 - y) = 22$ y = 3
34) $9(12 - y) = 27$ y = 9
35) $3(8 + y) = 39$ y = 5
36) $3(9 + y) = 36$ y = 3
37) $8(8 + y) = 88$ y = 3
38) $10(2 + y) = 70$ y = 5
39) $5(6 - y) = -30$ y = 12
40) $12(10 - y) = 108$ y = 1
41) $7(8 - y) = -7$ y = 9
42) $1(4 + y) = 10$ y = 6
43) $1(4 - y) = -1$ y = 5
44) $3(3 + y) = 33$ y = 8
45) $11(1 + y) = 55$ y = 4
46) $9(7 + y) = 144$ y = 9
47) $5(3 - y) = -20$ y = 7
48) $10(5 + y) = 150$ y = 10
49) $10(5 + y) = 70$ y = 2
50) $2(10 - y) = 18$ y = 1
51) $1(11 + y) = 18$ y = 7
52) $2(2 - y) = -6$ y = 5
53) $1(3 + y) = 8$ y = 5
54) $11(2 + y) = 77$ y = 5
55) $10(6 - y) = 10$ y = 5
56) $7(11 + y) = 91$ y = 2
57) $1(9 + y) = 20$ y = 11

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $2 + x \leq 5$

$x \leq 3$

2) $x + 9 \geq 1$

$x \geq -8$

3) $x + 2 \geq 8$

$x \geq 6$

4) $6 + x \geq 8$

$x \geq 2$

5) $6 + x \leq 8$

$x \leq 2$

6) $3 + x < 9$

$x < 6$

7) $5 + x > 7$

$x > 2$

8) $6 + x > 2$

$x > -4$

9) $x + 4 \leq 3$

$x \leq -1$

10) $5 + x < 4$

$x < -1$

11) $6 + x \leq 6$

$x \leq 0$

12) $x + 4 > 8$

$x > 4$

13) $3 + x \leq 1$

$x \leq -2$

14) $x + 6 < 5$

$x < -1$

15) $x + 2 < 4$

$x < 2$

16) $x + 6 < 3$

$x < -3$

17) $x + 3 \leq 6$

$x \leq 3$

18) $1 + x < 6$

$x < 5$

19) $9 + x > 3$

$x > -6$

20) $x + 2 > 4$

$x > 2$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $8 - x < 9$

$x < -1$

2) $x - 8 > 9$

$x > 17$

3) $4 - x \leq 5$

$x \leq -1$

4) $x - 8 \leq 9$

$x \leq 17$

5) $6 - x \leq 7$

$x \leq -1$

6) $x - 5 > 6$

$x > 11$

7) $x - 4 \leq 6$

$x \leq 10$

8) $x - 3 \geq 4$

$x \geq 7$

9) $x - 6 < 8$

$x < 14$

10) $6 - x > 8$

$x > -2$

11) $x - 1 \leq 3$

$x \leq 4$

12) $x - 2 > 9$

$x > 11$

13) $x - 2 > 8$

$x > 10$

14) $5 - x \leq 9$

$x \leq -4$

15) $6 - x < 9$

$x < -3$

16) $1 - x < 8$

$x < -7$

17) $1 - x \leq 2$

$x \leq -1$

18) $7 - x \leq 9$

$x \leq -2$

19) $x - 4 < 9$

$x < 13$

20) $x - 3 \geq 8$

$x \geq 11$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $6x \leq 5$

$x \leq \frac{5}{6}$

2) $4x \geq 5$

$x \geq \frac{5}{4}$

3) $6x \leq 12$

$x \leq 2$

4) $6x < 5$

$x < \frac{5}{6}$

5) $3x < 4$

$x < \frac{4}{3}$

6) $18x \leq 6$

$x \leq \frac{1}{3}$

7) $6x < 9$

$x < \frac{3}{2}$

8) $6x < 4$

$x < \frac{2}{3}$

9) $9x > 15$

$x > \frac{5}{3}$

10) $18x > 15$

$x > \frac{5}{6}$

11) $2x > 3$

$x > \frac{3}{2}$

12) $6x \geq 8$

$x \geq \frac{4}{3}$

13) $4x < 3$

$x < \frac{3}{4}$

14) $5x < 3$

$x < \frac{3}{5}$

15) $10x \geq 8$

$x \geq \frac{4}{5}$

16) $4x \leq 12$

$x \leq 3$

17) $4x \leq 10$

$x \leq \frac{5}{2}$

18) $12x < 9$

$x < \frac{3}{4}$

19) $6x > 18$

$x > 3$

20) $5x > 3$

$x > \frac{3}{5}$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $\frac{x}{4} > 4$

$x > 16$

2) $\frac{x}{8} < 4$

$x < 32$

3) $\frac{x}{3} \leq 3$

$x \leq 9$

4) $\frac{x}{4} > 1$

$x > 4$

5) $\frac{x}{4} < 1$

$x < 4$

6) $\frac{x}{2} < 2$

$x < 4$

7) $\frac{x}{1} \leq 7$

$x \leq 7$

8) $\frac{x}{2} \leq 8$

$x \leq 16$

9) $\frac{x}{2} < 4$

$x < 8$

10) $\frac{x}{8} > 1$

$x > 8$

11) $\frac{x}{1} < 6$

$x < 6$

12) $\frac{x}{6} \geq 8$

$x \geq 48$

13) $\frac{x}{6} > 4$

$x > 24$

14) $\frac{x}{1} \geq 7$

$x \geq 7$

15) $\frac{x}{5} \geq 6$

$x \geq 30$

16) $\frac{x}{7} \geq 4$

$x \geq 28$

17) $\frac{x}{3} \leq 7$

$x \leq 21$

18) $\frac{x}{7} \leq 7$

$x \leq 49$

19) $\frac{x}{2} < 3$

$x < 6$

20) $\frac{x}{2} \leq 6$

$x \leq 12$

Name:_____ Class:_____ Date:____/____/_____

Inequalities

Solve.

1) $x + 2 \geq 1$

$x \geq -1$

2) $4x \geq 6$

$x \geq \frac{3}{2}$

3) $8 - x > 9$

$x > -1$

4) $\frac{x}{2} \geq 7$

$x \geq 14$

5) $\frac{x}{8} \leq 3$

$x \leq 24$

6) $x + 4 < 2$

$x < -2$

7) $9x < 18$

$x < 2$

8) $x - 2 < 4$

$x < 6$

9) $\frac{x}{5} \geq 6$

$x \geq 30$

10) $10x \geq 8$

$x \geq \frac{4}{5}$

11) $x - 7 > 9$

$x > 16$

12) $5 + x \geq 6$

$x \geq 1$

13) $x + 9 > 5$

$x > -4$

14) $12x < 6$

$x < \frac{1}{2}$

15) $x - 3 > 9$

$x > 12$

16) $\frac{x}{7} \leq 8$

$x \leq 56$

17) $x + 3 \geq 6$

$x \geq 3$

18) $6x \geq 4$

$x \geq \frac{2}{3}$

19) $\frac{x}{1} > 7$

$x > 7$

20) $4 - x > 7$

$x > -3$

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 9 Two more than a number is 11. What is the number?

2) 9 A number increased by seven is 16. Find the number.

3) 10 Two less than a number is 8. Find the number.

4) 8 Three more than a number is 11. What is the number?

5) 3 A number increased by five is 8. Find the number.

6) 13 A number decreased by 3 is 10. Find the number.

7) 10 Five more than a number is 15. What is the number?

8) 8 One-half of a number is 4. Find the number.

9) 7 Five more than a number is 12. What is the number?

10) 5 The sum of a number and two is 7. Find the number.

11) 9 Two-thirds of a number is 6. Find the number.

12) 8 A number decreased by 3 is 5. Find the number.

13) 2 One-half of a number is 1. Find the number.

14) 10 The sum of a number and nine is 19. Find the number.

15) 7 Two less than a number is 5. Find the number.

16) 11 Nine less than a number is 2. Find the number.

17) 8 The sum of a number and three is 11. Find the number.

18) 8 A number increased by four is 12. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 2 Twice a number is 4. What is the number?

2) 30 The quotient of a number and ten is 3. Find the number.

3) 4 The product of four and a number is 16. What is the number?

4) 5 The product of seven and a number is 35. What is the number?

5) 10 The product of two and a number is 20. What is the number?

6) 72 The quotient of a number and nine is 8. Find the number.

7) 32 The quotient of a number and four is 8. Find the number.

8) 2 Five times a number is 10. What is the number?

9) 6 The product of three and a number is 18. What is the number?

10) 6 The quotient of a number and three is 2. Find the number.

11) 0 Six times a number is 0. What is the number?

12) 3 The product of two and a number is 6. What is the number?

13) 2 The product of four and a number is 8. What is the number?

14) 7 The product of three and a number is 21. What is the number?

15) 72 The quotient of a number and eight is 9. Find the number.

16) 60 The quotient of a number and ten is 6. Find the number.

17) 54 The quotient of a number and six is 9. Find the number.

18) 49 The quotient of a number and seven is 7. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 6, 7, 8, 9 The sum of four consecutive numbers is 30. What are the numbers?

2) 9, 10, 11, 12 The sum of four consecutive numbers is 42. What are the numbers?

3) 9, 11 The sum of two consecutive odd numbers is 20. Find the numbers.

4) 5, 7, 9 The sum of three consecutive odd numbers is 21. Find the numbers.

5) 3, 4, 5 The sum of three consecutive numbers is 12. What are the numbers?

6) 2, 4, 6 The sum of three consecutive even numbers is 12. What are the numbers?

7) 7, 9, 11 The sum of three consecutive odd numbers is 27. Find the numbers.

8) 10, 11 The sum of two consecutive numbers is 21. What are the numbers?

9) 4, 6 The sum of two consecutive even numbers is 10. What are the numbers?

10) 7, 9, 11 The sum of three consecutive odd numbers is 27. Find the numbers.

11) 4, 5, 6, 7 The sum of four consecutive numbers is 22. What are the numbers?

12) 10, 12, 14, 16 The sum of four consecutive even numbers is 52. What are the numbers?

13) 3, 5, 7 The sum of three consecutive odd numbers is 15. Find the numbers.

14) 11, 13 The sum of two consecutive odd numbers is 24. Find the numbers.

15) 9, 10 The sum of two consecutive numbers is 19. What are the numbers?

16) 11, 13, 15, 17 The sum of four consecutive odd numbers is 56. Find the numbers.

17) 4, 6, 8, 10 The sum of four consecutive even numbers is 28. What are the numbers?

18) 6, 8 The sum of two consecutive even numbers is 14. What are the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 16 Two-fourths of a number increased by 6 is 14. What is the number?

2) 4 One-half of a number decreased by 2 is 0. Find the number.

3) 5 Two-fifths of a number increased by 2 is 4. What is the number?

4) 18 One-half of a number decreased by 7 is 2. Find the number.

5) 18 Two-thirds of a number increased by 2 is 14. What is the number?

6) 15 Four-fifths of a number increased by 3 is 15. What is the number?

7) 12 One-half of a number decreased by 6 is 0. Find the number.

8) 12 Three-fourths of a number increased by 6 is 15. What is the number?

9) 8 Three-fourths of a number increased by 2 is 8. What is the number?

10) 16 Two-fourths of a number decreased by 3 is 5. Find the number.

11) 5 Three-fifths of a number decreased by 2 is 1. Find the number.

12) 16 One-fourth of a number diminished by 1 is 3. Find the number.

13) 3 Two-thirds of a number increased by 1 is 3. What is the number?

14) 5 Three-fifths of a number decreased by 1 is 2. Find the number.

15) 8 One-fourth of a number decreased by 2 is 0. Find the number.

16) 10 Three-fifths of a number increased by 3 is 9. What is the number?

17) 4 One-half of a number increased by 2 is 4. What is the number?

18) 5 Two-fifths of a number decreased by 1 is 1. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 5 Six times a number increased by 7 is 37. Find the number.

2) 5 Ten times a number diminished by 14 is 36. Find the number.

3) 4 Six times a number increased by 9 is 33. Find the number.

4) 6 Nine times a number increased by 4 is 58. Find the number.

5) 12 Three times a number decreased by 35 is 1. Find the number.

6) 11 Six times a number increased by 9 is 75. Find the number.

7) 2 Ten times a number diminished by 14 is 6. Find the number.

8) 10 Three times a number increased by 4 is 34. Find the number.

9) 10 Ten times a number increased by 10 is 110. Find the number.

10) 10 Three times a number increased by 8 is 38. Find the number.

11) 11 Ten times a number increased by 7 is 117. Find the number.

12) 3 Twice a number diminished by 4 is 2. Find the number.

13) 2 Six times a number decreased by 3 is 9. Find the number.

14) 5 Twice a number diminished by 7 is 3. Find the number.

15) 7 Nine times a number decreased by 5 is 58. Find the number.

16) 5 Seven times a number diminished by 24 is 11. Find the number.

17) 5 Five times a number decreased by 23 is 2. Find the number.

18) 8 Seven times a number diminished by 26 is 30. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 8 One less than three times a number is 23. Find the number.

2) 6 One less than twice a number is 11. Find the number.

3) 7 One less than twice a number is 13. Find the number.

4) 7 Two more than four times a number is 30. What is the number?

5) 6 Eight more than ten times a number is 68. What is the number?

6) 5 Nine more than three times a number is 24. What is the number?

7) 4 Nine more than eight times a number is 41. What is the number?

8) 12 Eight more than five times a number is 68. What is the number?

9) 8 Six more than ten times a number is 86. What is the number?

10) 2 Six more than nine times a number is 24. What is the number?

11) 12 One less than five times a number is 59. Find the number.

12) 2 Nine more than nine times a number is 27. What is the number?

13) 6 One less than six times a number is 35. Find the number.

14) 5 One less than twice a number is 9. Find the number.

15) 8 One less than seven times a number is 55. Find the number.

16) 8 One less than five times a number is 39. Find the number.

17) 11 Six more than ten times a number is 116. What is the number?

18) 8 One less than three times a number is 23. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 18 The quotient of a number and two increased by 10 is 19. What is the number?

2) 27 The quotient of a number and three increased by 3 is 12. What is the number?

3) 20 The quotient of a number and two increased by 3 is 13. What is the number?

4) 8 The quotient of a number and four increased by 6 is 8. What is the number?

5) 80 The quotient of a number and eight increased by 3 is 13. What is the number?

6) 18 The quotient of a number and two increased by 10 is 19. What is the number?

7) 35 The quotient of a number and seven increased by 8 is 13. What is the number?

8) 56 The quotient of a number and eight increased by 5 is 12. What is the number?

9) 70 The quotient of a number and seven increased by 9 is 19. What is the number?

10) 81 The quotient of a number and nine increased by 10 is 19. What is the number?

11) 15 The quotient of a number and five increased by 4 is 7. What is the number?

12) 28 The quotient of a number and seven increased by 3 is 7. What is the number?

13) 56 The quotient of a number and seven increased by 9 is 17. What is the number?

14) 30 The quotient of a number and three increased by 6 is 16. What is the number?

15) 30 The quotient of a number and five increased by 6 is 12. What is the number?

16) 18 The quotient of a number and nine increased by 10 is 12. What is the number?

17) 14 The quotient of a number and two increased by 6 is 13. What is the number?

18) 72 The quotient of a number and nine increased by 9 is 17. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 6, 60 One number is ten times another. Their sum is 66. Find the numbers.

2) 2, 4 One number is two times another. Their sum is 6. Find the numbers.

3) 4, 20 One number is five times another. Their sum is 24. Find the numbers.

4) 8, 64 One number is eight times another. Their sum is 72. Find the numbers.

5) 8, 16 One number is two times another. Their sum is 24. Find the numbers.

6) 6, 30 One number is five times another. Their sum is 36. Find the numbers.

7) 6, 54 One number is nine times another. Their sum is 60. Find the numbers.

8) 7, 21 One number is three times another. Their sum is 28. Find the numbers.

9) 4, 36 One number is nine times another. Their sum is 40. Find the numbers.

10) 3, 24 One number is eight times another. Their sum is 27. Find the numbers.

11) 4, 20 One number is five times another. Their sum is 24. Find the numbers.

12) 5, 10 One number is two times another. Their sum is 15. Find the numbers.

13) 2, 16 One number is eight times another. Their sum is 18. Find the numbers.

14) 3, 21 One number is seven times another. Their sum is 24. Find the numbers.

15) 9, 54 One number is six times another. Their sum is 63. Find the numbers.

16) 2, 12 One number is six times another. Their sum is 14. Find the numbers.

17) 3, 27 One number is nine times another. Their sum is 30. Find the numbers.

18) 2, 20 One number is ten times another. Their sum is 22. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 17, 8 The sum of two numbers is 25. One number is nine less than the other. Find the numbers.

2) 12, 4 The sum of two numbers is 16. One number is eight less than the other. Find the numbers.

3) 17, 7 The sum of two numbers is 24. One number is ten less than the other. Find the numbers.

4) 8, 3 The sum of two numbers is 11. One number is five less than the other. Find the numbers.

5) 15, 8 The sum of two numbers is 23. One number is seven less than the other. Find the numbers.

6) 13, 8 The sum of two numbers is 21. One number is five less than the other. Find the numbers.

7) 16, 8 The sum of two numbers is 24. One number is eight less than the other. Find the numbers.

8) 11, 4 The sum of two numbers is 15. One number is seven less than the other. Find the numbers.

9) 12, 7 The sum of two numbers is 19. One number is five less than the other. Find the numbers.

10) 20, 10 The sum of two numbers is 30. One number is ten less than the other. Find the numbers.

11) 16, 7 The sum of two numbers is 23. One number is nine less than the other. Find the numbers.

12) 13, 8 The sum of two numbers is 21. One number is five less than the other. Find the numbers.

13) 6, 2 The sum of two numbers is 8. One number is four less than the other. Find the numbers.

Number Problems

Solve.

1) 10, 2 The product of two numbers is 20. One number is eight less than the other. What are the numbers?

2) 17, 8 The product of two numbers is 136. One number is nine less than the other. What are the numbers?

3) 9, 7 The product of two numbers is 63. One number is two less than the other. What are the numbers?

4) 8, 4 The product of two numbers is 32. One number is four less than the other. What are the numbers?

5) 8, 2 The product of two numbers is 16. One number is six less than the other. What are the numbers?

6) 13, 6 The product of two numbers is 78. One number is seven less than the other. What are the numbers?

7) 9, 4 The product of two numbers is 36. One number is five less than the other. What are the numbers?

8) 13, 10 The product of two numbers is 130. One number is three less than the other. What are the numbers?

9) 14, 6 The product of two numbers is 84. One number is eight less than the other. What are the numbers?

10) 9, 3 The product of two numbers is 27. One number is six less than the other. What are the numbers?

11) 9, 3 The product of two numbers is 27. One number is six less than the other. What are the numbers?

12) 10, 6 The product of two numbers is 60. One number is four less than the other. What are the numbers?

13) 12, 3 The product of two numbers is 36. One number is nine less than the other. What are the numbers?

Number Problems

Solve.

1) 7, 12 One of two numbers is five more than the other. The sum of the numbers is 19. Find the numbers.

2) 10, 16 One of two numbers is six more than the other. The sum of the numbers is 26. Find the numbers.

3) 2, 4 One of two numbers is two more than the other. The sum of the numbers is 6. Find the numbers.

4) 2, 10 One of two numbers is eight more than the other. The sum of the numbers is 12. Find the numbers.

5) 10, 13 One of two numbers is three more than the other. The sum of the numbers is 23. Find the numbers.

6) 4, 7 One of two numbers is three more than the other. The sum of the numbers is 11. Find the numbers.

7) 7, 11 One of two numbers is four more than the other. The sum of the numbers is 18. Find the numbers.

8) 2, 8 One of two numbers is six more than the other. The sum of the numbers is 10. Find the numbers.

9) 7, 17 One of two numbers is ten more than the other. The sum of the numbers is 24. Find the numbers.

10) 3, 7 One of two numbers is four more than the other. The sum of the numbers is 10. Find the numbers.

11) 7, 17 One of two numbers is ten more than the other. The sum of the numbers is 24. Find the numbers.

12) 10, 17 One of two numbers is seven more than the other. The sum of the numbers is 27. Find the numbers.

13) 4, 10 One of two numbers is six more than the other. The sum of the numbers is 14. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 10 Ten times the sum of a number and two times the number is 300. Find the number.

2) 11 Five times the sum of a number and ten times the number is 605. Find the number.

3) 5 Nine times the sum of a number and five times the number is 270. Find the number.

4) 12 Five times the sum of a number and six times the number is 420. Find the number.

5) 7 Seven times the sum of a number and four times the number is 245. Find the number.

6) 8 Eight times the sum of a number and five times the number is 384. Find the number.

7) 4 Ten times the sum of a number and nine times the number is 400. Find the number.

8) 2 Six times the sum of a number and eight times the number is 108. Find the number.

9) 6 Two times the sum of a number and four times the number is 60. Find the number.

10) 9 Six times the sum of a number and two times the number is 162. Find the number.

11) 3 Nine times the sum of a number and two times the number is 81. Find the number.

12) 11 Three times the sum of a number and six times the number is 231. Find the number.

13) 4 Eight times the sum of a number and nine times the number is 320. Find the number.

14) 7 Seven times the sum of a number and three times the number is 196. Find the number.

15) 12 Eight times the sum of a number and eight times the number is 864. Find the number.

16) 12 Seven times the sum of a number and three times the number is 336. Find the number.

17) 2 Seven times the sum of a number and two times the number is 42. Find the number.

18) 2 Seven times the sum of a number and five times the number is 84. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 8, 64 The sum of two numbers is 72. The larger number is eight times the smaller number. What are the numbers?

2) 11, 88 The sum of two numbers is 99. The larger number is eight times the smaller number. What are the numbers?

3) 5, 40 The sum of two numbers is 45. The larger number is eight times the smaller number. What are the numbers?

4) 7, 14 The sum of two numbers is 21. The larger number is two times the smaller number. What are the numbers?

5) 2, 20 The sum of two numbers is 22. The larger number is ten times the smaller number. What are the numbers?

6) 10, 50 The sum of two numbers is 60. The larger number is five times the smaller number. What are the numbers?

7) 5, 40 The sum of two numbers is 45. The larger number is eight times the smaller number. What are the numbers?

8) 8, 32 The sum of two numbers is 40. The larger number is four times the smaller number. What are the numbers?

9) 6, 24 The sum of two numbers is 30. The larger number is four times the smaller number. What are the numbers?

10) 12, 60 The sum of two numbers is 72. The larger number is five times the smaller number. What are the numbers?

11) 7, 21 The sum of two numbers is 28. The larger number is three times the smaller number. What are the numbers?

12) 6, 24 The sum of two numbers is 30. The larger number is four times the smaller number. What are the numbers?

13) 7, 56 The sum of two numbers is 63. The larger number is eight times the smaller number. What are the numbers?

Number Problems

Solve.

1) 10, 8 One of two numbers is four-fifths of the other number. The sum of the numbers is 18. Find the numbers.

2) 12, 6 One of two numbers is one-half of the other number. The sum of the numbers is 18. Find the numbers.

3) 8, 4 One of two numbers is two-fourths of the other number. The sum of the numbers is 12. Find the numbers.

4) 5, 4 One of two numbers is four-fifths of the other number. The sum of the numbers is 9. Find the numbers.

5) 5, 1 One of two numbers is one-fifth of the other number. The sum of the numbers is 6. Find the numbers.

6) 6, 3 One of two numbers is one-half of the other number. The sum of the numbers is 9. Find the numbers.

7) 12, 8 One of two numbers is two-thirds of the other number. The sum of the numbers is 20. Find the numbers.

8) 2, 1 One of two numbers is one-half of the other number. The sum of the numbers is 3. Find the numbers.

9) 9, 6 One of two numbers is two-thirds of the other number. The sum of the numbers is 15. Find the numbers.

10) 3, 1 One of two numbers is one-third of the other number. The sum of the numbers is 4. Find the numbers.

11) 9, 3 One of two numbers is one-third of the other number. The sum of the numbers is 12. Find the numbers.

12) 10, 2 One of two numbers is one-fifth of the other number. The sum of the numbers is 12. Find the numbers.

13) 6, 4 One of two numbers is two-thirds of the other number. The sum of the numbers is 10. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 5 Four times the difference of 15 minus a number is 40. What is the number?

2) 9 Two times the difference of 13 minus a number is 8. What is the number?

3) 8 Six times the difference of 18 minus a number is 60. What is the number?

4) 5 Two times the difference of 16 minus a number is 22. What is the number?

5) 6 Eight times the difference of 15 minus a number is 72. What is the number?

6) 6 Nine times the difference of 8 minus a number is 18. What is the number?

7) 4 Eight times the difference of 8 minus a number is 32. What is the number?

8) 7 Seven times the difference of 12 minus a number is 35. What is the number?

9) 7 Nine times the difference of 11 minus a number is 36. What is the number?

10) 8 Seven times the difference of 10 minus a number is 14. What is the number?

11) 2 Three times the difference of 9 minus a number is 21. What is the number?

12) 9 Seven times the difference of 18 minus a number is 63. What is the number?

13) 6 Seven times the difference of 18 minus a number is 84. What is the number?

14) 6 Ten times the difference of 9 minus a number is 30. What is the number?

15) 7 Four times the difference of 18 minus a number is 44. What is the number?

16) 7 Ten times the difference of 13 minus a number is 60. What is the number?

17) 4 Ten times the difference of 14 minus a number is 100. What is the number?

18) 9 Six times the difference of 21 minus a number is 72. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 13, 5 The sum of two numbers is 18. The difference of the same two numbers is eight. Find the numbers.

2) 11, 9 The sum of two numbers is 20. The difference of the same two numbers is two. Find the numbers.

3) 6, 3 The sum of two numbers is 9. The difference of the same two numbers is three. Find the numbers.

4) 16, 6 The sum of two numbers is 22. The difference of the same two numbers is ten. Find the numbers.

5) 12, 5 The sum of two numbers is 17. The difference of the same two numbers is seven. Find the numbers.

6) 16, 9 The sum of two numbers is 25. The difference of the same two numbers is seven. Find the numbers.

7) 10, 3 The sum of two numbers is 13. The difference of the same two numbers is seven. Find the numbers.

8) 14, 7 The sum of two numbers is 21. The difference of the same two numbers is seven. Find the numbers.

9) 6, 4 The sum of two numbers is 10. The difference of the same two numbers is two. Find the numbers.

10) 18, 10 The sum of two numbers is 28. The difference of the same two numbers is eight. Find the numbers.

11) 11, 2 The sum of two numbers is 13. The difference of the same two numbers is nine. Find the numbers.

12) 8, 5 The sum of two numbers is 13. The difference of the same two numbers is three. Find the numbers.

13) 18, 12 The sum of two numbers is 30. The difference of the same two numbers is six. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 9, 62 The difference of two numbers is 53. The larger number is 8 more than six times the smaller number. What are the numbers?

2) 10, 73 The difference of two numbers is 63. The larger number is 3 more than seven times the smaller number. What are the numbers?

3) 8, 55 The difference of two numbers is 47. The larger number is 7 more than six times the smaller number. What are the numbers?

4) 2, 22 The difference of two numbers is 20. The larger number is 4 more than nine times the smaller number. What are the numbers?

5) 3, 16 The difference of two numbers is 13. The larger number is 4 more than four times the smaller number. What are the numbers?

6) 4, 42 The difference of two numbers is 38. The larger number is 10 more than eight times the smaller number. What are the numbers?

7) 12, 43 The difference of two numbers is 31. The larger number is 7 more than three times the smaller number. What are the numbers?

8) 5, 32 The difference of two numbers is 27. The larger number is 2 more than six times the smaller number. What are the numbers?

9) 4, 31 The difference of two numbers is 27. The larger number is 3 more than seven times the smaller number. What are the numbers?

10) 9, 77 The difference of two numbers is 68. The larger number is 5 more than eight times the smaller number. What are the numbers?

11) 3, 38 The difference of two numbers is 35. The larger number is 8 more than ten times the smaller number. What are the numbers?

12) 3, 27 The difference of two numbers is 24. The larger number is 9 more than six times the smaller number. What are the numbers?

13) 10, 28 The difference of two numbers is 18. The larger number is 8 more than two times the smaller number. What are the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 18, 4 The greater of two numbers is 6 less than six times the smaller number. Their sum is 22. Find the numbers.

2) 46, 7 The greater of two numbers is 10 less than eight times the smaller number. Their sum is 53. Find the numbers.

3) 47, 7 The greater of two numbers is 9 less than eight times the smaller number. Their sum is 54. Find the numbers.

4) 71, 8 The greater of two numbers is 9 less than ten times the smaller number. Their sum is 79. Find the numbers.

5) 27, 11 The greater of two numbers is 6 less than three times the smaller number. Their sum is 38. Find the numbers.

6) -5, 2 The greater of two numbers is 9 less than two times the smaller number. Their sum is -3. Find the numbers.

7) 86, 10 The greater of two numbers is 4 less than nine times the smaller number. Their sum is 96. Find the numbers.

8) 16, 10 The greater of two numbers is 4 less than two times the smaller number. Their sum is 26. Find the numbers.

9) 57, 7 The greater of two numbers is 6 less than nine times the smaller number. Their sum is 64. Find the numbers.

10) 25, 7 The greater of two numbers is 3 less than four times the smaller number. Their sum is 32. Find the numbers.

11) 40, 7 The greater of two numbers is 2 less than six times the smaller number. Their sum is 47. Find the numbers.

12) 27, 11 The greater of two numbers is 6 less than three times the smaller number. Their sum is 38. Find the numbers.

13) 2, 4 The greater of two numbers is 10 less than three times the smaller number. Their sum is 6. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 10 Four times a number equals 30 less than seven times the number. What is the number?

2) 3 Six times a number equals 12 less than ten times the number. What is the number?

3) 11 Five times a number equals 44 less than nine times the number. What is the number?

4) 12 Six times a number equals 36 less than nine times the number. What is the number?

5) 2 Two times a number equals 8 less than six times the number. What is the number?

6) 6 Six times a number equals 18 less than nine times the number. What is the number?

7) 9 Three times a number equals 18 less than five times the number. What is the number?

8) 7 Six times a number equals 21 less than nine times the number. What is the number?

9) 8 Five times a number equals 32 less than nine times the number. What is the number?

10) 4 Five times a number equals 8 less than seven times the number. What is the number?

11) 5 Three times a number equals 15 less than six times the number. What is the number?

12) 9 Four times a number equals 27 less than seven times the number. What is the number?

13) 12 Four times a number equals 24 less than six times the number. What is the number?

14) 7 Three times a number equals 21 less than six times the number. What is the number?

15) 2 Six times a number equals 4 less than eight times the number. What is the number?

16) 11 Six times a number equals 44 less than ten times the number. What is the number?

17) 4 Six times a number equals 16 less than ten times the number. What is the number?

18) 12 Three times a number equals 36 less than six times the number. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 7 14 is equal to the product of two and some number. Find the number.

2) 3 21 is equal to the product of seven and some number. Find the number.

3) 10 60 is equal to the product of six and some number. Find the number.

4) 6 12 is equal to the product of two and some number. Find the number.

5) 8 24 is equal to the product of three and some number. Find the number.

6) 12 96 is equal to the product of eight and some number. Find the number.

7) 9 81 is equal to the product of nine and some number. Find the number.

8) 11 66 is equal to the product of six and some number. Find the number.

9) 2 6 is equal to the product of three and some number. Find the number.

10) 5 50 is equal to the product of ten and some number. Find the number.

11) 4 20 is equal to the product of five and some number. Find the number.

12) 4 36 is equal to the product of nine and some number. Find the number.

13) 9 36 is equal to the product of four and some number. Find the number.

14) 7 35 is equal to the product of five and some number. Find the number.

15) 3 27 is equal to the product of nine and some number. Find the number.

16) 9 63 is equal to the product of seven and some number. Find the number.

17) 9 45 is equal to the product of five and some number. Find the number.

18) 5 40 is equal to the product of eight and some number. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 18 The difference of a number and eight is equal to 10. What is the number?

2) 12 The difference of a number and four is equal to 8. What is the number?

3) 14 The difference of a number and ten is equal to 4. What is the number?

4) 19 The difference of a number and eleven is equal to 8. What is the number?

5) 23 The difference of a number and eleven is equal to 12. What is the number?

6) 11 The difference of a number and five is equal to 6. What is the number?

7) 13 The difference of a number and eight is equal to 5. What is the number?

8) 22 The difference of a number and ten is equal to 12. What is the number?

9) 10 The difference of a number and four is equal to 6. What is the number?

10) 16 The difference of a number and twelve is equal to 4. What is the number?

11) 9 The difference of a number and three is equal to 6. What is the number?

12) 5 The difference of a number and two is equal to 3. What is the number?

13) 7 The difference of a number and four is equal to 3. What is the number?

14) 20 The difference of a number and nine is equal to 11. What is the number?

15) 15 The difference of a number and twelve is equal to 3. What is the number?

16) 17 The difference of a number and six is equal to 11. What is the number?

17) 8 The difference of a number and six is equal to 2. What is the number?

18) 21 The difference of a number and eleven is equal to 10. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 18 Nine is equal to the quotient of a number and 2. Find the number.

2) 90 Nine is equal to the quotient of a number and 10. Find the number.

3) 90 Ten is equal to the quotient of a number and 9. Find the number.

4) 30 Three is equal to the quotient of a number and 10. Find the number.

5) 16 Four is equal to the quotient of a number and 4. Find the number.

6) 28 Seven is equal to the quotient of a number and 4. Find the number.

7) 24 Four is equal to the quotient of a number and 6. Find the number.

8) 24 Six is equal to the quotient of a number and 4. Find the number.

9) 42 Seven is equal to the quotient of a number and 6. Find the number.

10) 90 Ten is equal to the quotient of a number and 9. Find the number.

11) 90 Nine is equal to the quotient of a number and 10. Find the number.

12) 14 Two is equal to the quotient of a number and 7. Find the number.

13) 72 Eight is equal to the quotient of a number and 9. Find the number.

14) 72 Eight is equal to the quotient of a number and 9. Find the number.

15) 80 Ten is equal to the quotient of a number and 8. Find the number.

16) 35 Seven is equal to the quotient of a number and 5. Find the number.

17) 70 Seven is equal to the quotient of a number and 10. Find the number.

18) 4 Two is equal to the quotient of a number and 2. Find the number.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 8 The product of six and some number is equal to the sum of that number and 40. What is the number?

2) 11 The product of seven and some number is equal to the sum of that number and 66. What is the number?

3) 3 The product of two and some number is equal to the sum of that number and 3. What is the number?

4) 5 The product of seven and some number is equal to the sum of that number and 30. What is the number?

5) 10 The product of nine and some number is equal to the sum of that number and 80. What is the number?

6) 2 The product of two and some number is equal to the sum of that number and 2. What is the number?

7) 12 The product of six and some number is equal to the sum of that number and 60. What is the number?

8) 9 The product of seven and some number is equal to the sum of that number and 54. What is the number?

9) 6 The product of seven and some number is equal to the sum of that number and 36. What is the number?

10) 7 The product of six and some number is equal to the sum of that number and 35. What is the number?

11) 4 The product of three and some number is equal to the sum of that number and 8. What is the number?

12) 12 The product of six and some number is equal to the sum of that number and 60. What is the number?

13) 7 The product of three and some number is equal to the sum of that number and 14. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 16, 11 One number is five more than another number. The sum of the larger number and twice the smaller number is 38. Find the numbers?

2) 14, 9 One number is five more than another number. The sum of the larger number and twice the smaller number is 32. Find the numbers?

3) 10, 8 One number is two more than another number. The sum of the larger number and twice the smaller number is 26. Find the numbers?

4) 15, 6 One number is nine more than another number. The sum of the larger number and twice the smaller number is 27. Find the numbers?

5) 17, 11 One number is six more than another number. The sum of the larger number and twice the smaller number is 39. Find the numbers?

6) 18, 12 One number is six more than another number. The sum of the larger number and twice the smaller number is 42. Find the numbers?

7) 14, 4 One number is ten more than another number. The sum of the larger number and twice the smaller number is 22. Find the numbers?

8) 15, 10 One number is five more than another number. The sum of the larger number and twice the smaller number is 35. Find the numbers?

9) 13, 4 One number is nine more than another number. The sum of the larger number and twice the smaller number is 21. Find the numbers?

10) 18, 9 One number is nine more than another number. The sum of the larger number and twice the smaller number is 36. Find the numbers?

11) 18, 11 One number is seven more than another number. The sum of the larger number and twice the smaller number is 40. Find the numbers?

12) 8, 6 One number is two more than another number. The sum of the larger number and twice the smaller number is 20. Find the numbers?

13) 14, 5 One number is nine more than another number. The sum of the larger number and twice the smaller number is 24. Find the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 63 When a number is divided by seven, the result is 9. What is the number?

2) 22 When a number is divided by two, the result is 11. What is the number?

3) 15 When a number is divided by three, the result is 5. What is the number?

4) 32 When a number is divided by eight, the result is 4. What is the number?

5) 80 When a number is divided by ten, the result is 8. What is the number?

6) 48 When a number is divided by eight, the result is 6. What is the number?

7) 72 When a number is divided by nine, the result is 8. What is the number?

8) 27 When a number is divided by nine, the result is 3. What is the number?

9) 16 When a number is divided by two, the result is 8. What is the number?

10) 56 When a number is divided by eight, the result is 7. What is the number?

11) 16 When a number is divided by eight, the result is 2. What is the number?

12) 32 When a number is divided by four, the result is 8. What is the number?

13) 22 When a number is divided by two, the result is 11. What is the number?

14) 63 When a number is divided by nine, the result is 7. What is the number?

15) 49 When a number is divided by seven, the result is 7. What is the number?

16) 32 When a number is divided by eight, the result is 4. What is the number?

17) 6 When a number is divided by two, the result is 3. What is the number?

18) 32 When a number is divided by eight, the result is 4. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 3 If the product of four and a number is increased by 10, the result is 22. Find the number?

2) 6 If the product of nine and a number is increased by 8, the result is 62. Find the number?

3) 9 If the product of eight and a number is increased by 2, the result is 74. Find the number?

4) 7 If the product of ten and a number is increased by 7, the result is 77. Find the number?

5) 8 If the product of two and a number is increased by 7, the result is 23. Find the number?

6) 8 If the product of eight and a number is increased by 12, the result is 76. Find the number?

7) 6 If the product of nine and a number is increased by 9, the result is 63. Find the number?

8) 12 If the product of six and a number is increased by 9, the result is 81. Find the number?

9) 7 If the product of five and a number is increased by 12, the result is 47. Find the number?

10) 12 If the product of five and a number is increased by 5, the result is 65. Find the number?

11) 6 If the product of seven and a number is increased by 4, the result is 46. Find the number?

12) 6 If the product of seven and a number is increased by 10, the result is 52. Find the number?

13) 9 If the product of four and a number is increased by 9, the result is 45. Find the number?

14) 7 If the product of five and a number is increased by 11, the result is 46. Find the number?

15) 8 If the product of five and a number is increased by 7, the result is 47. Find the number?

16) 8 If the product of four and a number is increased by 9, the result is 41. Find the number?

17) 2 If the product of nine and a number is increased by 3, the result is 21. Find the number?

18) 12 If the product of five and a number is increased by 4, the result is 64. Find the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 4 Five more than twice a number is equal to the number increased by 9. What is the number?

2) 8 Nine more than five times a number is equal to the number increased by 41. What is the number?

3) 6 Six more than eight times a number is equal to the number increased by 48. What is the number?

4) 4 Eight more than seven times a number is equal to the number increased by 32. What is the number?

5) 7 Eleven more than three times a number is equal to the number increased by 25. What is the number?

6) 5 Eleven more than ten times a number is equal to the number increased by 56. What is the number?

7) 2 Five more than eight times a number is equal to the number increased by 19. What is the number?

8) 3 Seven more than five times a number is equal to the number increased by 19. What is the number?

9) 3 Ten more than five times a number is equal to the number increased by 22. What is the number?

10) 11 Three more than three times a number is equal to the number increased by 25. What is the number?

11) 6 Eleven more than six times a number is equal to the number increased by 41. What is the number?

12) 2 Eleven more than twice a number is equal to the number increased by 13. What is the number?

13) 6 Twelve more than four times a number is equal to the number increased by 30. What is the number?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 11, 12, 13 The sum of the first and third of three consecutive numbers is 24. Find the numbers.

2) 8, 9, 10 The sum of the first and third of three consecutive numbers is 18. Find the numbers.

3) 7, 8, 9 The sum of the first and third of three consecutive numbers is 16. Find the numbers.

4) 4, 5, 6 The sum of the first and third of three consecutive numbers is 10. Find the numbers.

5) 9, 10, 11 The sum of the first and third of three consecutive numbers is 20. Find the numbers.

6) 3, 4, 5 The sum of the first and third of three consecutive numbers is 8. Find the numbers.

7) 5, 6, 7 The sum of the first and third of three consecutive numbers is 12. Find the numbers.

8) 6, 7, 8 The sum of the first and third of three consecutive numbers is 14. Find the numbers.

9) 10, 11, 12 The sum of the first and third of three consecutive numbers is 22. Find the numbers.

10) 2, 3, 4 The sum of the first and third of three consecutive numbers is 6. Find the numbers.

11) 12, 13, 14 The sum of the first and third of three consecutive numbers is 26. Find the numbers.

12) 9, 10, 11 The sum of the first and third of three consecutive numbers is 20. Find the numbers.

13) 2, 3, 4 The sum of the first and third of three consecutive numbers is 6. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 9, 10, 11 The sum of the largest and three times the smallest of three consecutive numbers is equal to 38. Find the numbers.

2) 10, 11, 12 The sum of the largest and six times the smallest of three consecutive numbers is equal to 72. Find the numbers.

3) 5, 6, 7 The sum of the largest and four times the smallest of three consecutive numbers is equal to 27. Find the numbers.

4) 2, 3, 4 The sum of the largest and twice the smallest of three consecutive numbers is equal to 8. Find the numbers.

5) 11, 12, 13 The sum of the largest and nine times the smallest of three consecutive numbers is equal to 112. Find the numbers.

6) 7, 8, 9 The sum of the largest and eight times the smallest of three consecutive numbers is equal to 65. Find the numbers.

7) 3, 4, 5 The sum of the largest and twice the smallest of three consecutive numbers is equal to 11. Find the numbers.

8) 12, 13, 14 The sum of the largest and seven times the smallest of three consecutive numbers is equal to 98. Find the numbers.

9) 6, 7, 8 The sum of the largest and ten times the smallest of three consecutive numbers is equal to 68. Find the numbers.

10) 8, 9, 10 The sum of the largest and three times the smallest of three consecutive numbers is equal to 34. Find the numbers.

11) 4, 5, 6 The sum of the largest and three times the smallest of three consecutive numbers is equal to 18. Find the numbers.

12) 2, 3, 4 The sum of the largest and eight times the smallest of three consecutive numbers is equal to 20. Find the numbers.

13) 12, 13, 14 The sum of the largest and three times the smallest of three consecutive numbers is equal to 50. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 4, 6 Find two consecutive even integers such that four times the smaller decreased by the larger is 10.

2) 10, 12 Find two consecutive even integers such that eight times the smaller decreased by the larger is 68.

3) 12, 14 Find two consecutive even integers such that five times the smaller decreased by the larger is 46.

4) 6, 8 Find two consecutive even integers such that four times the smaller decreased by the larger is 16.

5) 2, 4 Find two consecutive even integers such that nine times the smaller decreased by the larger is 14.

6) 8, 10 Find two consecutive even integers such that eight times the smaller decreased by the larger is 54.

7) 4, 6 Find two consecutive even integers such that three times the smaller decreased by the larger is 6.

8) 8, 10 Find two consecutive even integers such that eight times the smaller decreased by the larger is 54.

9) 6, 8 Find two consecutive even integers such that five times the smaller decreased by the larger is 22.

10) 12, 14 Find two consecutive even integers such that four times the smaller decreased by the larger is 34.

11) 10, 12 Find two consecutive even integers such that three times the smaller decreased by the larger is 18.

12) 10, 12 Find two consecutive even integers such that four times the smaller decreased by the larger is 28.

13) 6, 8 Find two consecutive even integers such that eight times the smaller decreased by the larger is 40.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 9, 11 Find two consecutive odd integers such that ten times the larger decreased by the smaller is 101.

2) 7, 9 Find two consecutive odd integers such that six times the larger decreased by the smaller is 47.

3) 5, 7 Find two consecutive odd integers such that six times the larger decreased by the smaller is 37.

4) 3, 5 Find two consecutive odd integers such that seven times the larger decreased by the smaller is 32.

5) 11, 13 Find two consecutive odd integers such that three times the larger decreased by the smaller is 28.

6) 13, 15 Find two consecutive odd integers such that four times the larger decreased by the smaller is 47.

7) 11, 13 Find two consecutive odd integers such that five times the larger decreased by the smaller is 54.

8) 11, 13 Find two consecutive odd integers such that five times the larger decreased by the smaller is 54.

9) 3, 5 Find two consecutive odd integers such that four times the larger decreased by the smaller is 17.

10) 13, 15 Find two consecutive odd integers such that three times the larger decreased by the smaller is 32.

11) 11, 13 Find two consecutive odd integers such that ten times the larger decreased by the smaller is 119.

12) 7, 9 Find two consecutive odd integers such that twice the larger decreased by the smaller is 11.

13) 7, 9 Find two consecutive odd integers such that eight times the larger decreased by the smaller is 65.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 8, 10, 12 Two more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

2) 10, 12, 14 Fourteen more than the second of three consecutive even integers is the same as the difference between the third and four times the first. Find the numbers.

3) 2, 4, 6 -4 more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

4) 4, 6, 8 -6 more than the second of three consecutive even integers is the same as the difference between the third and twice the first. Find the numbers.

5) 6, 8, 10 more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

6) 12, 14, 16 Ninety more than the second of three consecutive even integers is the same as the difference between the third and ten times the first. Find the numbers.

7) 6, 8, 10 Twenty-four more than the second of three consecutive even integers is the same as the difference between the third and seven times the first. Find the numbers.

8) 6, 8, 10 Forty-two more than the second of three consecutive even integers is the same as the difference between the third and ten times the first. Find the numbers.

9) 8, 10, 12 Fifty-eight more than the second of three consecutive even integers is the same as the difference between the third and ten times the first. Find the numbers.

10) 10, 12, 14 Four more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

11) 4, 6, 8 -6 more than the second of three consecutive even integers is the same as the difference between the third and twice the first. Find the numbers.

12) 6, 8, 10 more than the second of three consecutive even integers is the same as the difference between the third and three times the first. Find the numbers.

13) 6, 8, 10 Six more than the second of three consecutive even integers is the same as the difference between the third and four times the first. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 12, 16 One number is 4 more than another number. The sum of twice the larger number and seven times the smaller is 116. What are the numbers?

2) 2, 12 One number is 10 more than another number. The sum of four times the larger number and three times the smaller is 54. What are the numbers?

3) 3, 14 One number is 11 more than another number. The sum of twice the larger number and nine times the smaller is 55. What are the numbers?

4) 9, 17 One number is 8 more than another number. The sum of three times the larger number and five times the smaller is 96. What are the numbers?

5) 5, 7 One number is 2 more than another number. The sum of nine times the larger number and five times the smaller is 88. What are the numbers?

6) 8, 18 One number is 10 more than another number. The sum of ten times the larger number and seven times the smaller is 236. What are the numbers?

7) 11, 18 One number is 7 more than another number. The sum of three times the larger number and three times the smaller is 87. What are the numbers?

8) 9, 17 One number is 8 more than another number. The sum of nine times the larger number and seven times the smaller is 216. What are the numbers?

9) 9, 14 One number is 5 more than another number. The sum of twice the larger number and four times the smaller is 64. What are the numbers?

10) 12, 20 One number is 8 more than another number. The sum of eight times the larger number and twice the smaller is 184. What are the numbers?

11) 4, 9 One number is 5 more than another number. The sum of five times the larger number and six times the smaller is 69. What are the numbers?

12) 7, 18 One number is 11 more than another number. The sum of twice the larger number and four times the smaller is 64. What are the numbers?

13) 6, 15 One number is 9 more than another number. The sum of six times the larger number and ten times the smaller is 150. What are the numbers?

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 10, 16, 90 The sum of three numbers is 116. The largest number is nine times the smallest, and the smallest is six less than the middle number. Find the numbers.

2) 10, 16, 80 The sum of three numbers is 106. The largest number is eight times the smallest, and the smallest is six less than the middle number. Find the numbers.

3) 9, 16, 81 The sum of three numbers is 106. The largest number is nine times the smallest, and the smallest is seven less than the middle number. Find the numbers.

4) 11, 17, 99 The sum of three numbers is 127. The largest number is nine times the smallest, and the smallest is six less than the middle number. Find the numbers.

5) 2, 8, 10 The sum of three numbers is 20. The largest number is five times the smallest, and the smallest is six less than the middle number. Find the numbers.

6) 5, 12, 25 The sum of three numbers is 42. The largest number is five times the smallest, and the smallest is seven less than the middle number. Find the numbers.

7) 6, 13, 48 The sum of three numbers is 67. The largest number is eight times the smallest, and the smallest is seven less than the middle number. Find the numbers.

8) 12, 18, 120 The sum of three numbers is 150. The largest number is ten times the smallest, and the smallest is six less than the middle number. Find the numbers.

9) 2, 8, 16 The sum of three numbers is 26. The largest number is eight times the smallest, and the smallest is six less than the middle number. Find the numbers.

10) 7, 13, 35 The sum of three numbers is 55. The largest number is five times the smallest, and the smallest is six less than the middle number. Find the numbers.

11) 4, 11, 24 The sum of three numbers is 39. The largest number is six times the smallest, and the smallest is seven less than the middle number. Find the numbers.

12) 10, 16, 60 The sum of three numbers is 86. The largest number is six times the smallest, and the smallest is six less than the middle number. Find the numbers.

13) 9, 15, 90 The sum of three numbers is 114. The largest number is ten times the smallest, and the smallest is six less than the middle number. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Number Problems

Solve.

1) 5 Four-fifths of a number increased by 1 is 5. What is the number?

2) 5, 13 One of two numbers is eight more than the other. The sum of the numbers is 18. Find the numbers.

3) 5, 2 The sum of two numbers is 7. The difference of the same two numbers is three. Find the numbers.

4) 7 If the product of two and a number is increased by 4, the result is 18. Find the number?

5) 4, 3 One of two numbers is three-fourths of the other number. The sum of the numbers is 7. Find the numbers.

6) 9, 10, 11 The sum of the largest and ten times the smallest of three consecutive numbers is equal to 101. Find the numbers.

7) 28 Seven is equal to the quotient of a number and 4. Find the number.

8) 18 One-third of a number diminished by 6 is 0. Find the number.

9) 2, 25 The difference of two numbers is 23. The larger number is 7 more than nine times the smaller number. What are the numbers?

10) 6, 33 The difference of two numbers is 27. The larger number is 3 more than five times the smaller number. What are the numbers?

11) 2 Four more than a number is 6. What is the number?

12) 10 The difference of a number and four is equal to 6. What is the number?

13) 11, 9 The greater of two numbers is 7 less than two times the smaller number. Their sum is 20. Find the numbers.

14) 4, 5, 6 The sum of the largest and eight times the smallest of three consecutive numbers is equal to 38. Find the numbers.

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) 1 + y = 11 y = 10
2) 3 + y = 7 y = 4
3) 10 + y = 11 y = 1
4) y + 3 = 4 y = 1
5) y + 12 = 20 y = 8
6) y + 8 = 16 y = 8
7) y + 9 = 12 y = 3
8) 12 + y = 23 y = 11
9) y + 5 = 6 y = 1
10) 3 + y = 15 y = 12
11) 11 + y = 18 y = 7
12) 10 + y = 20 y = 10
13) 8 + y = 11 y = 3
14) y + 8 = 17 y = 9
15) y + 5 = 8 y = 3
16) y + 11 = 16 y = 5
17) y + 2 = 4 y = 2
18) 11 + y = 12 y = 1
19) y + 10 = 15 y = 5
20) y + 4 = 15 y = 11
21) 4 + y = 14 y = 10
22) 4 + y = 5 y = 1
23) 6 + y = 16 y = 10
24) y + 4 = 13 y = 9
25) y + 7 = 13 y = 6
26) y + 1 = 10 y = 9
27) 12 + y = 19 y = 7
28) y + 2 = 8 y = 6
29) y + 3 = 12 y = 9
30) 10 + y = 13 y = 3
31) 10 + y = 12 y = 2
32) 10 + y = 14 y = 4
33) 6 + y = 7 y = 1
34) 6 + y = 11 y = 5
35) y + 2 = 13 y = 11
36) y + 12 = 14 y = 2
37) y + 9 = 18 y = 9
38) y + 12 = 16 y = 4
39) 11 + y = 14 y = 3
40) 11 + y = 15 y = 4
41) y + 5 = 15 y = 10
42) 4 + y = 7 y = 3
43) 6 + y = 18 y = 12
44) y + 1 = 5 y = 4
45) 5 + y = 11 y = 6
46) 8 + y = 19 y = 11
47) 12 + y = 22 y = 10
48) 2 + y = 12 y = 10
49) y + 4 = 16 y = 12
50) y + 9 = 14 y = 5
51) y + 8 = 20 y = 12
52) y + 8 = 13 y = 5
53) 8 + y = 12 y = 4
54) y + 3 = 8 y = 5
55) y + 9 = 15 y = 6
56) 6 + y = 15 y = 9
57) y + 2 = 5 y = 3

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $y - 2 = 1$ $y = 3$
2) $y - 7 = 4$ $y = 11$
3) $y - 5 = 6$ $y = 11$
4) $1 - y = 0$ $y = 1$
5) $11 - y = 2$ $y = 9$
6) $5 - y = 2$ $y = 3$
7) $12 - y = 9$ $y = 3$
8) $5 - y = 4$ $y = 1$
9) $y - 3 = 5$ $y = 8$
10) $y - 4 = 6$ $y = 10$
11) $y - 10 = 0$ $y = 10$
12) $6 - y = 1$ $y = 5$
13) $10 - y = 5$ $y = 5$
14) $12 - y = 1$ $y = 11$
15) $7 - y = 1$ $y = 6$
16) $y - 4 = 3$ $y = 7$
17) $7 - y = 6$ $y = 1$
18) $6 - y = 0$ $y = 6$
19) $5 - y = 0$ $y = 5$
20) $10 - y = 5$ $y = 5$
21) $y - 2 = 10$ $y = 12$
22) $8 - y = 3$ $y = 5$
23) $y - 7 = 4$ $y = 11$
24) $y - 2 = 1$ $y = 3$
25) $y - 2 = 7$ $y = 9$
26) $y - 11 = 1$ $y = 12$
27) $12 - y = 5$ $y = 7$
28) $6 - y = 5$ $y = 1$
29) $y - 8 = 4$ $y = 12$
30) $y - 3 = 1$ $y = 4$
31) $y - 1 = 5$ $y = 6$
32) $10 - y = 8$ $y = 2$
33) $y - 4 = 4$ $y = 8$
34) $11 - y = 8$ $y = 3$
35) $y - 9 = 0$ $y = 9$
36) $y - 1 = 11$ $y = 12$
37) $10 - y = 8$ $y = 2$
38) $12 - y = 7$ $y = 5$
39) $y - 4 = 7$ $y = 11$
40) $y - 3 = 7$ $y = 10$
41) $7 - y = 2$ $y = 5$
42) $y - 1 = 1$ $y = 2$
43) $y - 2 = 4$ $y = 6$
44) $y - 1 = 3$ $y = 4$
45) $12 - y = 11$ $y = 1$
46) $y - 7 = 1$ $y = 8$
47) $4 - y = 3$ $y = 1$
48) $7 - y = 1$ $y = 6$
49) $y - 2 = 5$ $y = 7$
50) $y - 2 = 3$ $y = 5$
51) $y - 8 = 3$ $y = 11$
52) $y - 2 = 6$ $y = 8$
53) $7 - y = 0$ $y = 7$
54) $10 - y = 3$ $y = 7$
55) $y - 11 = 0$ $y = 11$
56) $y - 7 = 2$ $y = 9$
57) $y - 6 = 3$ $y = 9$

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $y \times 12 = 120$ y = 10
2) $y \times 12 = 24$ y = 2
3) $y \times 3 = 9$ y = 3
4) $5 \times y = 60$ y = 12
5) $8 \times y = 96$ y = 12
6) $y \times 6 = 60$ y = 10
7) $5 \times y = 55$ y = 11
8) $y \times 12 = 132$ y = 11
9) $y \times 6 = 36$ y = 6
10) $9 \times y = 108$ y = 12
11) $4 \times y = 20$ y = 5
12) $y \times 12 = 12$ y = 1
13) $6 \times y = 42$ y = 7
14) $y \times 10 = 110$ y = 11
15) $3 \times y = 18$ y = 6
16) $y \times 8 = 56$ y = 7
17) $5 \times y = 40$ y = 8
18) $3 \times y = 33$ y = 11
19) $11 \times y = 88$ y = 8
20) $11 \times y = 121$ y = 11
21) $y \times 6 = 48$ y = 8
22) $4 \times y = 28$ y = 7
23) $y \times 10 = 120$ y = 12
24) $y \times 3 = 21$ y = 7
25) $y \times 1 = 6$ y = 6
26) $1 \times y = 10$ y = 10
27) $y \times 5 = 10$ y = 2
28) $y \times 7 = 77$ y = 11
29) $y \times 7 = 63$ y = 9
30) $y \times 7 = 42$ y = 6
31) $y \times 3 = 12$ y = 4
32) $y \times 9 = 99$ y = 11
33) $12 \times y = 72$ y = 6
34) $3 \times y = 15$ y = 5
35) $7 \times y = 7$ y = 1
36) $y \times 10 = 10$ y = 1
37) $10 \times y = 20$ y = 2
38) $4 \times y = 4$ y = 1
39) $y \times 4 = 16$ y = 4
40) $y \times 8 = 8$ y = 1
41) $y \times 10 = 50$ y = 5
42) $y \times 10 = 90$ y = 9
43) $1 \times y = 8$ y = 8
44) $y \times 6 = 54$ y = 9
45) $y \times 11 = 132$ y = 12
46) $7 \times y = 14$ y = 2
47) $7 \times y = 56$ y = 8
48) $y \times 4 = 24$ y = 6
49) $y \times 5 = 15$ y = 3
50) $8 \times y = 32$ y = 4
51) $9 \times y = 81$ y = 9
52) $y \times 6 = 66$ y = 11
53) $y \times 6 = 6$ y = 1
54) $y \times 2 = 24$ y = 12
55) $11 \times y = 77$ y = 7
56) $7 \times y = 49$ y = 7
57) $y \times 12 = 84$ y = 7

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) 15 ÷ y = 3 y = 5
2) 35 ÷ y = 5 y = 7
3) 36 ÷ y = 9 y = 4
4) y ÷ 2 = 2 y = 4
5) y ÷ 4 = 1 y = 4
6) 54 ÷ y = 9 y = 6
7) 11 ÷ y = 1 y = 11
8) 10 ÷ y = 2 y = 5
9) y ÷ 2 = 1 y = 2
10) 99 ÷ y = 11 y = 9
11) y ÷ 10 = 7 y = 70
12) 60 ÷ y = 5 y = 12
13) 48 ÷ y = 12 y = 4
14) y ÷ 7 = 12 y = 84
15) 32 ÷ y = 8 y = 4
16) 14 ÷ y = 7 y = 2
17) y ÷ 10 = 3 y = 30
18) y ÷ 7 = 7 y = 49
19) y ÷ 4 = 11 y = 44
20) 30 ÷ y = 3 y = 10
21) y ÷ 9 = 10 y = 90
22) y ÷ 6 = 7 y = 42
23) 55 ÷ y = 5 y = 11
24) y ÷ 8 = 7 y = 56
25) y ÷ 10 = 5 y = 50
26) y ÷ 2 = 6 y = 12
27) 5 ÷ y = 5 y = 1
28) y ÷ 8 = 3 y = 24
29) y ÷ 11 = 12 y = 132
30) y ÷ 5 = 8 y = 40
31) 60 ÷ y = 6 y = 10
32) 30 ÷ y = 5 y = 6
33) y ÷ 5 = 5 y = 25
34) 9 ÷ y = 1 y = 9
35) 45 ÷ y = 9 y = 5
36) 40 ÷ y = 4 y = 10
37) 36 ÷ y = 12 y = 3
38) y ÷ 8 = 11 y = 88
39) y ÷ 10 = 2 y = 20
40) y ÷ 2 = 7 y = 14
41) y ÷ 11 = 3 y = 33
42) y ÷ 2 = 8 y = 16
43) 6 ÷ y = 2 y = 3
44) y ÷ 7 = 4 y = 28
45) 20 ÷ y = 4 y = 5
46) y ÷ 11 = 10 y = 110
47) 20 ÷ y = 5 y = 4
48) y ÷ 12 = 7 y = 84
49) 66 ÷ y = 6 y = 11
50) y ÷ 6 = 2 y = 12
51) 72 ÷ y = 9 y = 8
52) y ÷ 10 = 6 y = 60
53) 72 ÷ y = 6 y = 12
54) y ÷ 3 = 9 y = 27
55) y ÷ 10 = 12 y = 120
56) 63 ÷ y = 7 y = 9
57) y ÷ 7 = 11 y = 77

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $3y + 6 = 24$ y = 6
2) $2y + 9 = 23$ y = 7
3) $5y + 6 = 61$ y = 11
4) $3 + 10y = 33$ y = 3
5) $3 + 5y = 58$ y = 11
6) $9y + 12 = 102$ y = 10
7) $3 + 11y = 102$ y = 9
8) $12y + 9 = 117$ y = 9
9) $12 + 5y = 37$ y = 5
10) $1y + 3 = 15$ y = 12
11) $2y + 1 = 5$ y = 2
12) $4 + 9y = 103$ y = 11
13) $3y + 7 = 13$ y = 2
14) $11y + 10 = 54$ y = 4
15) $6y + 8 = 44$ y = 6
16) $11 + 1y = 19$ y = 8
17) $11y + 10 = 142$ y = 12
18) $3y + 6 = 18$ y = 4
19) $2 + 1y = 11$ y = 9
20) $4 + 5y = 34$ y = 6
21) $2y + 7 = 15$ y = 4
22) $1 + 8y = 33$ y = 4
23) $12 + 5y = 57$ y = 9
24) $12 + 12y = 48$ y = 3
25) $5y + 5 = 55$ y = 10
26) $6 + 9y = 33$ y = 3
27) $11 + 9y = 119$ y = 12
28) $11 + 7y = 53$ y = 6
29) $7 + 12y = 79$ y = 6
30) $10 + 10y = 20$ y = 1
31) $7y + 9 = 93$ y = 12
32) $8y + 1 = 25$ y = 3
33) $12y + 7 = 67$ y = 5
34) $6y + 8 = 50$ y = 7
35) $6y + 5 = 59$ y = 9
36) $12y + 6 = 30$ y = 2
37) $11y + 11 = 110$ y = 9
38) $4y + 7 = 47$ y = 10
39) $10y + 5 = 85$ y = 8
40) $10 + 12y = 82$ y = 6
41) $7y + 2 = 44$ y = 6
42) $8y + 4 = 76$ y = 9
43) $7y + 5 = 19$ y = 2
44) $8y + 5 = 29$ y = 3
45) $5 + 11y = 137$ y = 12
46) $9 + 9y = 99$ y = 10
47) $2y + 3 = 15$ y = 6
48) $7y + 8 = 36$ y = 4
49) $3y + 11 = 23$ y = 4
50) $10 + 11y = 65$ y = 5
51) $4 + 6y = 22$ y = 3
52) $4 + 3y = 19$ y = 5
53) $12y + 11 = 131$ y = 10
54) $2 + 1y = 10$ y = 8
55) $4 + 10y = 14$ y = 1
56) $2 + 12y = 62$ y = 5
57) $12y + 6 = 18$ y = 1

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $30 - 5y = 5$ y = 5
2) $61 - 9y = 7$ y = 6
3) $44 - 5y = 9$ y = 7
4) $21 - 5y = 1$ y = 4
5) $48 - 10y = 8$ y = 4
6) $68 - 6y = 8$ y = 10
7) $4y - 10 = 22$ y = 8
8) $6y - 3 = 39$ y = 7
9) $69 - 6y = 3$ y = 11
10) $11y - 2 = 20$ y = 2
11) $2y - 12 = 8$ y = 10
12) $11 - 1y = 8$ y = 3
13) $9 - 2y = 1$ y = 4
14) $8y - 5 = 3$ y = 1
15) $32 - 5y = 2$ y = 6
16) $8y - 1 = 55$ y = 7
17) $2y - 10 = 14$ y = 12
18) $25 - 8y = 1$ y = 3
19) $39 - 12y = 3$ y = 3
20) $28 - 11y = 6$ y = 2
21) $55 - 6y = 7$ y = 8
22) $34 - 5y = 4$ y = 6
23) $6y - 9 = 39$ y = 8
24) $2y - 4 = 2$ y = 3
25) $68 - 6y = 2$ y = 11
26) $52 - 6y = 4$ y = 8
27) $4y - 5 = 35$ y = 10
28) $8y - 6 = 82$ y = 11
29) $6y - 3 = 45$ y = 8
30) $11y - 2 = 130$ y = 12
31) $67 - 10y = 7$ y = 6
32) $70 - 7y = 0$ y = 10
33) $4y - 3 = 13$ y = 4
34) $3y - 3 = 24$ y = 9
35) $8y - 1 = 39$ y = 5
36) $50 - 5y = 5$ y = 9
37) $4y - 12 = 0$ y = 3
38) $4y - 11 = 25$ y = 9
39) $9y - 4 = 86$ y = 10
40) $62 - 5y = 7$ y = 11
41) $19 - 2y = 7$ y = 6
42) $113 - 9y = 5$ y = 12
43) $9y - 2 = 97$ y = 11
44) $10y - 2 = 28$ y = 3
45) $3y - 1 = 23$ y = 8
46) $10y - 12 = 58$ y = 7
47) $12y - 7 = 77$ y = 7
48) $32 - 6y = 8$ y = 4
49) $10y - 2 = 48$ y = 5
50) $3y - 1 = 32$ y = 11
51) $11y - 3 = 107$ y = 10
52) $34 - 7y = 6$ y = 4
53) $8 - 8y = 0$ y = 1
54) $6 - 2y = 4$ y = 1
55) $4 - 4y = 0$ y = 1
56) $50 - 4y = 6$ y = 11
57) $65 - 8y = 9$ y = 7

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (One Side)

Solve for the variable.

1) $5 \times y = 25$ y = 5
2) $84 - 12y = 0$ y = 7
3) $11y - 12 = 54$ y = 6
4) $y \div 11 = 4$ y = 44
5) $y + 10 = 21$ y = 11
6) $4 - y = 2$ y = 2
7) $y + 1 = 4$ y = 3
8) $1y + 8 = 14$ y = 6
9) $y \times 1 = 6$ y = 6
10) $y \times 2 = 18$ y = 9
11) $y \div 6 = 8$ y = 48
12) $132 \div y = 11$ y = 12
13) $y \div 4 = 6$ y = 24
14) $3y + 9 = 36$ y = 9
15) $y \div 6 = 12$ y = 72
16) $y + 4 = 9$ y = 5
17) $6 + 4y = 34$ y = 7
18) $y + 12 = 24$ y = 12
19) $4y - 5 = 23$ y = 7
20) $y + 7 = 19$ y = 12
21) $66 \div y = 11$ y = 6
22) $y \div 3 = 12$ y = 36
23) $y \div 12 = 11$ y = 132
24) $5 + y = 8$ y = 3
25) $9 \times y = 36$ y = 4
26) $56 - 8y = 8$ y = 6
27) $11y - 3 = 74$ y = 7
28) $y - 8 = 1$ y = 9
29) $1 \times y = 1$ y = 1
30) $6 + y = 16$ y = 10
31) $y + 1 = 6$ y = 5
32) $99 \div y = 9$ y = 11
33) $y \div 9 = 6$ y = 54
34) $11 \times y = 121$ y = 11
35) $12 - 7y = 5$ y = 1
36) $y \times 7 = 70$ y = 10
37) $22 - 5y = 7$ y = 3
38) $y - 4 = 4$ y = 8
39) $35 - 8y = 3$ y = 4
40) $4 + 3y = 13$ y = 3
41) $y \times 4 = 48$ y = 12
42) $9y + 5 = 104$ y = 11
43) $9 - y = 4$ y = 5
44) $10 + 11y = 120$ y = 10
45) $11 + y = 18$ y = 7
46) $24 \div y = 8$ y = 3
47) $11 \times y = 55$ y = 5
48) $2 + 5y = 12$ y = 2
49) $10 \div y = 1$ y = 10
50) $42 - 8y = 2$ y = 5
51) $2 \times y = 20$ y = 10
52) $20 - 3y = 5$ y = 5
53) $y \div 8 = 11$ y = 88
54) $y - 1 = 7$ y = 8
55) $52 - 4y = 8$ y = 11
56) $7y - 7 = 0$ y = 1
57) $y - 6 = 3$ y = 9

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $2x = 6 - x$ $x = 2$
2) $4x = 45 - x$ $x = 9$
3) $45 - x = 4x$ $x = 9$
4) $3x = 14 + x$ $x = 7$
5) $3x = 20 - x$ $x = 5$
6) $21 - x = 2x$ $x = 7$
7) $2x = 6 + x$ $x = 6$
8) $28 - x = 6x$ $x = 4$
9) $30 + x = 7x$ $x = 5$
10) $28 - x = 3x$ $x = 7$
11) $4x = 18 + x$ $x = 6$
12) $2x = 6 - x$ $x = 2$
13) $5x = 48 - x$ $x = 8$
14) $5x = 24 + x$ $x = 6$
15) $5x = 24 - x$ $x = 4$
16) $5x = 18 - x$ $x = 3$
17) $36 + x = 5x$ $x = 9$
18) $30 - x = 4x$ $x = 6$
19) $2x = 4 + x$ $x = 4$
20) $42 + x = 8x$ $x = 6$
21) $24 + x = 7x$ $x = 4$
22) $21 + x = 8x$ $x = 3$
23) $45 - x = 8x$ $x = 5$
24) $3x = 18 + x$ $x = 9$
25) $18 + x = 4x$ $x = 6$
26) $5x = 48 - x$ $x = 8$
27) $6x = 10 + x$ $x = 2$
28) $8 + x = 2x$ $x = 8$
29) $4 + x = 3x$ $x = 2$
30) $6x = 49 - x$ $x = 7$
31) $36 - x = 5x$ $x = 6$
32) $8 - x = 3x$ $x = 2$
33) $6x = 25 + x$ $x = 5$
34) $5x = 18 - x$ $x = 3$
35) $18 - x = 5x$ $x = 3$
36) $20 - x = 4x$ $x = 4$
37) $9 - x = 2x$ $x = 3$
38) $2x = 9 + x$ $x = 9$
39) $3x = 14 + x$ $x = 7$
40) $5x = 48 - x$ $x = 8$
41) $12 + x = 3x$ $x = 6$
42) $6x = 20 + x$ $x = 4$
43) $10 + x = 6x$ $x = 2$
44) $6x = 25 + x$ $x = 5$
45) $2x = 27 - x$ $x = 9$
46) $16 + x = 3x$ $x = 8$
47) $12 - x = 3x$ $x = 3$
48) $21 + x = 8x$ $x = 3$
49) $63 + x = 8x$ $x = 9$
50) $8x = 36 - x$ $x = 4$
51) $40 + x = 6x$ $x = 8$
52) $7x = 42 + x$ $x = 7$
53) $24 - x = 2x$ $x = 8$
54) $6x = 35 - x$ $x = 5$
55) $42 - x = 5x$ $x = 7$
56) $4x = 15 + x$ $x = 5$
57) $2x = 2 + x$ $x = 2$

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $6 + 3x = 16 + x$ x = 5
2) $38 - x = 6x + 3$ x = 5
3) $3x + 2 = 22 - x$ x = 5
4) $29 - x = 2 + 2x$ x = 9
5) $30 - x = 3x + 6$ x = 6
6) $4x + 8 = 48 - x$ x = 8
7) $6x + 8 = 22 - x$ x = 2
8) $5x + 7 = 37 - x$ x = 5
9) $4 + 2x = 13 + x$ x = 9
10) $39 + x = 6x + 9$ x = 6
11) $8x + 5 = 47 + x$ x = 6
12) $6x + 8 = 43 + x$ x = 7
13) $54 - x = 9 + 8x$ x = 5
14) $5 + 8x = 19 + x$ x = 2
15) $4 + 8x = 60 + x$ x = 8
16) $14 - x = 4x + 4$ x = 2
17) $14 + x = 2x + 6$ x = 8
18) $6x + 5 = 50 + x$ x = 9
19) $14 + x = 2 + 3x$ x = 6
20) $27 - x = 3 + 5x$ x = 4
21) $3 + 3x = 7 + x$ x = 2
22) $14 + x = 3x + 8$ x = 3
23) $5 + 3x = 13 + x$ x = 4
24) $3x + 4 = 10 + x$ x = 3
25) $29 + x = 6x + 4$ x = 5
26) $7 + 5x = 31 - x$ x = 4
27) $3x + 6 = 12 + x$ x = 3
28) $38 - x = 4x + 3$ x = 7
29) $19 + x = 5x + 7$ x = 3
30) $8 + 2x = 35 - x$ x = 9
31) $34 - x = 6 + 3x$ x = 7
32) $45 + x = 5x + 9$ x = 9
33) $9 + x = 3x + 3$ x = 3
34) $6 + 8x = 69 + x$ x = 9
35) $3x + 8 = 28 - x$ x = 5
36) $4x + 7 = 13 + x$ x = 2
37) $4 + 2x = 22 - x$ x = 6
38) $61 - x = 5x + 7$ x = 9
39) $5x + 7 = 43 - x$ x = 6
40) $59 - x = 3 + 6x$ x = 8
41) $3x + 2 = 6 + x$ x = 2
42) $27 - x = 5x + 9$ x = 3
43) $17 - x = 5 + 3x$ x = 3
44) $25 + x = 5x + 9$ x = 4
45) $38 - x = 4x + 8$ x = 6
46) $8x + 3 = 84 - x$ x = 9
47) $7x + 2 = 34 - x$ x = 4
48) $17 - x = 9 + 3x$ x = 2
49) $7x + 5 = 53 + x$ x = 8
50) $9 + 3x = 25 + x$ x = 8
51) $55 + x = 7x + 7$ x = 8
52) $4 + 8x = 40 - x$ x = 4
53) $2 + 7x = 20 + x$ x = 3
54) $6x + 8 = 36 - x$ x = 4
55) $14 + x = 3x + 6$ x = 4
56) $27 + x = 3 + 5x$ x = 6
57) $20 - x = 6x + 6$ x = 2

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $9 + 3x + 7 = 27 + x + 1$ x = 6

2) $2 + 5x + 3 = 42 + x + -5$ x = 8

3) $88 - x = 8 + 8x + 8$ x = 8

4) $9 + 6x + 6 = 71 - x$ x = 8

5) $34 - x = 8 + 6x + 5$ x = 3

6) $7 + 8x + 9 = 47 - x + 14$ x = 5

7) $9 + 7x + 3 = 54 + x$ x = 7

8) $8 + 3x + 4 = 19 + x + 3$ x = 5

9) $17 - x + 11 = 8 + 3x + 8$ x = 3

10) $4 + 6x + 4 = 71 - x$ x = 9

11) $17 + x = 5 + 5x + 4$ x = 2

12) $20 + x + 0 = 2 + 2x + 9$ x = 9

13) $27 - x + 11 = 9 + 2x + 2$ x = 9

14) $3 + 3x + 6 = 21 - x + 8$ x = 5

15) $8 + 2x + 7 = 11 + x + 6$ x = 2

16) $2 + 7x + 8 = 26 - x$ x = 2

17) $16 + x = 4 + 2x + 3$ x = 9

18) $63 - x = 4 + 7x + 3$ x = 7

19) $8 + 3x + 7 = 31 - x$ x = 4

20) $5 + 8x + 8 = 27 + x$ x = 2

21) $30 - x = 3 + 7x + 3$ x = 3

22) $43 - x + 13 = 7 + 6x + 7$ x = 6

23) $9 + 6x + 4 = 34 - x$ x = 3

24) $8 + 8x + 3 = 53 + x$ x = 6

25) $19 - x = 5 + 4x + 4$ x = 2

26) $6 + 7x + 5 = 69 - x + 14$ x = 9

27) $9 + 8x + 3 = 84 - x$ x = 8

28) $18 + x + 3 = 6 + 4x + 6$ x = 3

29) $55 - x = 3 + 7x + 4$ x = 6

30) $4 + 8x + 4 = 44 - x$ x = 4

31) $8 + 5x + 5 = 55 - x$ x = 7

32) $67 - x = 8 + 8x + 5$ x = 6

33) $7 + 8x + 3 = 43 - x + 12$ x = 5

34) $25 - x = 2 + 3x + 7$ x = 4

35) $4 + 7x + 6 = 20 - x + 6$ x = 2

36) $30 + x + 0 = 6 + 3x + 8$ x = 8

37) $35 + x + -4 = 3 + 4x + 7$ x = 7

38) $5 + 6x + 8 = 32 - x + 9$ x = 4

Name:_____ Class:_____ Date:____/____/_____

Pre-Algebra Equations (Two Sides)

Solve for the variable.

1) $17 + 2x = 3 + 9x$ x = 2
2) $6x + 4 = 9 + 5x$ x = 5
3) $58 - 2x = 5x + 9$ x = 7
4) $7 + 9x = 39 - 7x$ x = 2
5) $7 + 9x = 105 - 5x$ x = 7
6) $62 - 2x = 8x + 2$ x = 6
7) $19 + 2x = 4x + 5$ x = 7
8) $47 - 6x = 7x + 8$ x = 3
9) $25 + 3x = 5x + 9$ x = 8
10) $8x + 4 = 5x + 13$ x = 3
11) $5 + 9x = 90 - 8x$ x = 5
12) $5x + 5 = 69 - 3x$ x = 8
13) $3 + 8x = 19 + 6x$ x = 8
14) $5x + 8 = 62 - 4x$ x = 6
15) $113 - 7x = 8x + 8$ x = 7
16) $6 + 8x = 15 + 7x$ x = 9
17) $5 + 9x = 53 - 7x$ x = 3
18) $7x + 3 = 33 - 3x$ x = 3
19) $58 - 3x = 4x + 2$ x = 8
20) $22 + 6x = 8x + 6$ x = 8
21) $9x + 2 = 62 - 6x$ x = 4
22) $8 + 4x = 38 - 2x$ x = 5
23) $12 + 7x = 8x + 4$ x = 8
24) $6x + 5 = 71 - 5x$ x = 6
25) $12 + 5x = 6x + 8$ x = 4
26) $128 - 7x = 8x + 8$ x = 8
27) $8x + 4 = 9x + 2$ x = 2
28) $3 + 8x = 6x + 11$ x = 4
29) $3 + 6x = 102 - 5x$ x = 9
30) $9x + 2 = 50 - 7x$ x = 3
31) $9 + 2x = 3x + 2$ x = 7
32) $2x + 26 = 6 + 6x$ x = 5
33) $7 + 8x = 10 + 7x$ x = 3
34) $9x + 7 = 63 + 2x$ x = 8
35) $3 + 8x = 7x + 10$ x = 7
36) $9 + 7x = 6x + 18$ x = 9
37) $6x + 7 = 5 + 7x$ x = 2
38) $34 - 6x = 9x + 4$ x = 2
39) $6x + 12 = 7x + 7$ x = 5
40) $39 - 4x = 6x + 9$ x = 3
41) $5 + 8x = 7x + 14$ x = 9
42) $4 + 9x = 40 + 3x$ x = 6
43) $9x + 9 = 65 - 5x$ x = 4
44) $53 - 2x = 3 + 8x$ x = 5
45) $125 - 6x = 8 + 7x$ x = 9
46) $21 + 5x = 8x + 3$ x = 6
47) $9x + 6 = 21 + 4x$ x = 3
48) $9x + 9 = 84 - 6x$ x = 5
49) $7x + 6 = 6x + 8$ x = 2
50) $6 + 9x = 30 + 5x$ x = 6
51) $4x + 27 = 7x + 6$ x = 7
52) $83 - 4x = 5x + 2$ x = 9
53) $5 + 4x = 33 - 3x$ x = 4
54) $7x + 6 = 46 - 3x$ x = 4
55) $7x + 11 = 7 + 8x$ x = 4
56) $8 + 8x = 34 - 5x$ x = 2
57) $9x + 7 = 106 - 2x$ x = 9

Name:_____ Class:_____ Date:____/____/_____

Simplifying Expressions

Simplify the expressions.

1) $11y + 6 + y$

$12y + 6$

2) $-4 + 3 - 4y + 5y - 11 + 4y$

$5y - 12$

3) $-5 + 4y + 6 - y$

$3y + 1$

4) $-y - 2y$

$-3y$

5) $9y + 4 + 11y + 9 + 4y + 2$

$24y + 15$

6) $9 + 8 + 3y - 9y + 6 - 9y$

$-15y + 23$

7) $9y + 3 - 2y + 6 + 9y + 7$

$16y + 16$

8) $10y - 9y + 2 + 11$

$y + 13$

9) $5y - 1 - 6y + 6$

$-y + 5$

10) $7 + y - 4y + 5 - 5y$

$-8y + 12$

11) $3y - 9 - 5y + 7$

$-2y - 2$

12) $-7y + 11 - 9y$

$-16y + 11$

13) $5 + 8y - 6y$

$2y + 5$

14) $10 + 5y + 4 + 8y$

$13y + 14$

15) $11 + 6y - 9 + 11y - 12 + 2y$

$19y - 10$

16) $-9y - 10 + 6 - 8y$

$-17y - 4$

17) $10y + y$

$11y$

18) $5y - 12y + 11y - 10 + 5$

$4y - 5$

19) $12 + 3 + 6y - 6y + 6 - 9y$

$-9y + 21$

20) $-5 + 7y + 2 - 12y$

$-5y - 3$

21) $10y - 5 - 11y + 10$

$-y + 5$

22) $y - 5y$

$-4y$

Name:_____ Class:_____ Date:____/____/_____

Simplifying Expressions

Simplify the expressions.

1) $6 - 4(-8y + 4)$
$32y - 10$

2) $1 + 4(-10y + 3)$
$-40y + 13$

3) $5 + 1(5y + 3)$
$5y + 8$

4) $6 + 11(3y - 10)$
$33y - 104$

5) $12 - 12(-7y + 5)$
$84y - 48$

6) $1 + 3(9y - 11)$
$27y - 32$

7) $11 + 4(9y + 2)$
$36y + 19$

8) $6 - 8(10y - 10)$
$-80y + 86$

9) $10 - 7(6y - 12)$
$-42y + 94$

10) $10 - 3(-2y + 5)$
$6y - 5$

11) $2 - 10(12y - 1)$
$-120y + 12$

12) $6 + 9(8y - 4)$
$72y - 30$

13) $11 + 8(8y - 4)$
$64y - 21$

14) $2 - 4(-11y + 9)$
$44y - 34$

15) $11 + 2(-4y + 1)$
$-8y + 13$

16) $6 - 7(8y - 8)$
$-56y + 62$

17) $10 + 1(-3y + 10)$
$-3y + 20$

18) $2 - 4(4y - 8)$
$-16y + 34$

19) $10 + 1(y + 12)$
$y + 22$

20) $3 + 11(-12y + 11)$
$-132y + 124$

21) $6 - 4(-12y + 7)$
$48y - 22$

22) $1 + 6(5y + 8)$
$30y + 49$

23) $12 + 2(-8y + 6)$
$-16y + 24$

24) $10 - 5(-11y + 3)$
$55y - 5$

25) $10 + 12(7y - 12)$
$84y - 134$

26) $10 + 2(8y - 10)$
$16y - 10$

27) $8 - 7(-12y + 2)$
$84y - 6$

28) $7 - 1(6y - 9)$
$-6y + 16$

29) $8 + 11(12y + 8)$
$132y + 96$

30) $9 + 5(11y + 2)$
$55y + 19$

31) $11 + 1(-3y + 1)$
$-3y + 12$

32) $7 + 9(-5y + 9)$
$-45y + 88$

33) $12 + 11(10y + 12)$
$110y + 144$

Name:_____ Class:_____ Date:____/____/_____

Basic Addition

Find the sum.

1) 4 + 3 = 7	2) 3 + 6 = 9	3) 5 + 2 = 7	4) 4 + 4 = 8	5) 7 + 2 = 9	6) 4 + 1 = 5	7) 5 + 4 = 9	8) 8 + 5 = 13	9) 8 + 2 = 10
10) 4 + 7 = 11	11) 6 + 3 = 9	12) 8 + 1 = 9	13) 6 + 5 = 11	14) 7 + 8 = 15	15) 9 + 8 = 17	16) 1 + 2 = 3	17) 2 + 8 = 10	18) 5 + 8 = 13
19) 6 + 8 = 14	20) 5 + 7 = 12	21) 3 + 7 = 10	22) 5 + 3 = 8	23) 2 + 3 = 5	24) 4 + 2 = 6	25) 1 + 8 = 9	26) 7 + 4 = 11	27) 6 + 9 = 15
28) 3 + 3 = 6	29) 1 + 6 = 7	30) 4 + 9 = 13	31) 2 + 2 = 4	32) 2 + 6 = 8	33) 4 + 6 = 10	34) 8 + 7 = 15	35) 4 + 8 = 12	36) 8 + 9 = 17
37) 8 + 6 = 14	38) 4 + 5 = 9	39) 6 + 6 = 12	40) 2 + 4 = 6	41) 6 + 4 = 10	42) 6 + 2 = 8	43) 7 + 5 = 12	44) 3 + 5 = 8	45) 8 + 4 = 12
46) 2 + 9 = 11	47) 3 + 8 = 11	48) 3 + 4 = 7	49) 7 + 7 = 14	50) 9 + 2 = 11	51) 7 + 1 = 8	52) 2 + 7 = 9	53) 7 + 6 = 13	54) 7 + 3 = 10
55) 2 + 5 = 7	56) 5 + 5 = 10	57) 9 + 3 = 12	58) 3 + 1 = 4	59) 7 + 9 = 16	60) 1 + 9 = 10	61) 2 + 1 = 3	62) 6 + 7 = 13	63) 9 + 1 = 10
64) 1 + 3 = 4	65) 1 + 4 = 5	66) 8 + 8 = 16	67) 5 + 6 = 11	68) 9 + 6 = 15	69) 9 + 5 = 14	70) 9 + 9 = 18	71) 5 + 9 = 14	72) 8 + 3 = 11
73) 1 + 5 = 6	74) 6 + 1 = 7	75) 9 + 7 = 16	76) 5 + 1 = 6	77) 9 + 4 = 13	78) 1 + 1 = 2	79) 1 + 7 = 8	80) 3 + 2 = 5	81) 3 + 9 = 12

Name:_____ Class:_____ Date:____/____/_____

Basic Addition

Find the sum.

1) 15 + 32 = 47	2) 10 + 68 = 78	3) 94 + 58 = 152	4) 67 + 34 = 101	5) 57 + 42 = 99	6) 37 + 43 = 80	7) 59 + 48 = 107	8) 62 + 52 = 114
9) 23 + 77 = 100	10) 46 + 56 = 102	11) 42 + 31 = 73	12) 31 + 22 = 53	13) 46 + 43 = 89	14) 98 + 22 = 120	15) 60 + 77 = 137	16) 15 + 16 = 31
17) 18 + 41 = 59	18) 20 + 86 = 106	19) 14 + 45 = 59	20) 60 + 41 = 101	21) 56 + 44 = 100	22) 75 + 58 = 133	23) 97 + 18 = 115	24) 99 + 97 = 196
25) 95 + 69 = 164	26) 84 + 47 = 131	27) 12 + 84 = 96	28) 10 + 87 = 97	29) 32 + 62 = 94	30) 59 + 55 = 114	31) 73 + 79 = 152	32) 37 + 31 = 68
33) 35 + 28 = 63	34) 38 + 75 = 113	35) 48 + 76 = 124	36) 27 + 14 = 41	37) 11 + 96 = 107	38) 55 + 73 = 128	39) 24 + 38 = 62	40) 82 + 30 = 112
41) 23 + 62 = 85	42) 81 + 44 = 125	43) 32 + 70 = 102	44) 40 + 35 = 75	45) 85 + 26 = 111	46) 23 + 97 = 120	47) 81 + 11 = 92	48) 71 + 95 = 166
49) 30 + 76 = 106	50) 82 + 42 = 124	51) 49 + 34 = 83	52) 59 + 29 = 88	53) 52 + 79 = 131	54) 47 + 14 = 61	55) 39 + 37 = 76	56) 73 + 93 = 166
57) 79 + 39 = 118	58) 42 + 20 = 62	59) 97 + 92 = 189	60) 99 + 64 = 163	61) 88 + 13 = 101	62) 89 + 32 = 121	63) 64 + 29 = 93	64) 33 + 99 = 132
65) 36 + 59 = 95	66) 52 + 47 = 99	67) 55 + 50 = 105	68) 80 + 88 = 168	69) 13 + 62 = 75	70) 91 + 51 = 142	71) 33 + 35 = 68	72) 96 + 59 = 155

Name:_____ Class:_____ Date:____/____/_____

Basic Addition - Doubles

Find the sum.

1) 31 + 31 = 62	2) 66 + 66 = 132	3) 85 + 85 = 170	4) 51 + 51 = 102	5) 75 + 75 = 150	6) 81 + 81 = 162	7) 57 + 57 = 114	8) 50 + 50 = 100
9) 46 + 46 = 92	10) 21 + 21 = 42	11) 27 + 27 = 54	12) 19 + 19 = 38	13) 64 + 64 = 128	14) 58 + 58 = 116	15) 49 + 49 = 98	16) 17 + 17 = 34
17) 5 + 5 = 10	18) 28 + 28 = 56	19) 16 + 16 = 32	20) 80 + 80 = 160	21) 90 + 90 = 180	22) 6 + 6 = 12	23) 82 + 82 = 164	24) 45 + 45 = 90
25) 32 + 32 = 64	26) 23 + 23 = 46	27) 43 + 43 = 86	28) 3 + 3 = 6	29) 34 + 34 = 68	30) 94 + 94 = 188	31) 33 + 33 = 66	32) 95 + 95 = 190
33) 48 + 48 = 96	34) 41 + 41 = 82	35) 93 + 93 = 186	36) 55 + 55 = 110	37) 4 + 4 = 8	38) 12 + 12 = 24	39) 61 + 61 = 122	40) 83 + 83 = 166
41) 59 + 59 = 118	42) 60 + 60 = 120	43) 14 + 14 = 28	44) 11 + 11 = 22	45) 36 + 36 = 72	46) 92 + 92 = 184	47) 76 + 76 = 152	48) 65 + 65 = 130
49) 68 + 68 = 136	50) 73 + 73 = 146	51) 67 + 67 = 134	52) 26 + 26 = 52	53) 69 + 69 = 138	54) 99 + 99 = 198	55) 97 + 97 = 194	56) 56 + 56 = 112
57) 10 + 10 = 20	58) 53 + 53 = 106	59) 86 + 86 = 172	60) 9 + 9 = 18	61) 15 + 15 = 30	62) 25 + 25 = 50	63) 39 + 39 = 78	64) 71 + 71 = 142
65) 1 + 1 = 2	66) 84 + 84 = 168	67) 7 + 7 = 14	68) 42 + 42 = 84	69) 24 + 24 = 48	70) 20 + 20 = 40	71) 22 + 22 = 44	72) 77 + 77 = 154

Name:_____ Class:_____ Date:____/____/_____

Basic Addition - Doubles

Find the sum.

1) 59 + 58 = 117	2) 46 + 45 = 91	3) 92 + 91 = 183	4) 22 + 21 = 43	5) 95 + 94 = 189	6) 13 + 12 = 25	7) 11 + 10 = 21
8) 84 + 83 = 167	9) 91 + 90 = 181	10) 7 + 6 = 13	11) 29 + 28 = 57	12) 81 + 80 = 161	13) 97 + 96 = 193	14) 6 + 5 = 11
15) 17 + 16 = 33	16) 56 + 55 = 111	17) 82 + 81 = 163	18) 18 + 17 = 35	19) 37 + 36 = 73	20) 69 + 68 = 137	21) 49 + 48 = 97
22) 3 + 2 = 5	23) 64 + 63 = 127	24) 75 + 74 = 149	25) 55 + 54 = 109	26) 31 + 30 = 61	27) 24 + 23 = 47	28) 23 + 22 = 45
29) 78 + 77 = 155	30) 35 + 34 = 69	31) 85 + 84 = 169	32) 79 + 78 = 157	33) 76 + 75 = 151	34) 61 + 60 = 121	35) 2 + 1 = 3
36) 25 + 24 = 49	37) 4 + 3 = 7	38) 43 + 42 = 85	39) 36 + 35 = 71	40) 32 + 31 = 63	41) 86 + 85 = 171	42) 94 + 93 = 187
43) 99 + 98 = 197	44) 26 + 25 = 51	45) 20 + 19 = 39	46) 98 + 97 = 195	47) 21 + 20 = 41	48) 88 + 87 = 175	49) 39 + 38 = 77
50) 42 + 41 = 83	51) 60 + 59 = 119	52) 74 + 73 = 147	53) 45 + 44 = 89	54) 27 + 26 = 53	55) 52 + 51 = 103	56) 96 + 95 = 191
57) 38 + 37 = 75	58) 100 + 99 = 199	59) 50 + 49 = 99	60) 12 + 11 = 23	61) 30 + 29 = 59	62) 70 + 69 = 139	63) 67 + 66 = 133

Name:_____ Class:_____ Date:____/____/_____

Basic Addition and Regrouping

Find the sum.

1) 117 + 371 = 488	2) 314 + 214 = 528	3) 503 + 202 = 705	4) 804 + 140 = 944	5) 820 + 150 = 970	6) 135 + 403 = 538	7) 714 + 154 = 868
8) 249 + 440 = 689	9) 482 + 100 = 582	10) 212 + 252 = 464	11) 164 + 524 = 688	12) 360 + 508 = 868	13) 212 + 146 = 358	14) 446 + 232 = 678
15) 723 + 236 = 959	16) 859 + 100 = 959	17) 224 + 143 = 367	18) 319 + 120 = 439	19) 705 + 291 = 996	20) 460 + 317 = 777	21) 414 + 454 = 868
22) 834 + 134 = 968	23) 851 + 102 = 953	24) 334 + 411 = 745	25) 418 + 260 = 678	26) 507 + 161 = 668	27) 610 + 206 = 816	28) 820 + 151 = 971
29) 638 + 230 = 868	30) 215 + 651 = 866	31) 320 + 668 = 988	32) 419 + 420 = 839	33) 127 + 610 = 737	34) 326 + 471 = 797	35) 335 + 310 = 645
36) 543 + 202 = 745	37) 373 + 613 = 986	38) 487 + 100 = 587	39) 434 + 303 = 737	40) 651 + 211 = 862	41) 357 + 631 = 988	42) 417 + 462 = 879
43) 425 + 431 = 856	44) 146 + 421 = 567	45) 222 + 467 = 689	46) 751 + 142 = 893	47) 106 + 300 = 406	48) 290 + 103 = 393	49) 464 + 511 = 975
50) 479 + 210 = 689	51) 778 + 110 = 888	52) 424 + 100 = 524	53) 619 + 100 = 719	54) 236 + 722 = 958	55) 409 + 340 = 749	56) 265 + 203 = 468
57) 511 + 374 = 885	58) 304 + 460 = 764	59) 481 + 303 = 784	60) 885 + 101 = 986	61) 352 + 402 = 754	62) 464 + 324 = 788	63) 366 + 601 = 967

Name:_____ Class:_____ Date:____/____/_____

Basic Division

Find the quotient.

1) $2\overline{)10}$ = 5
2) $3\overline{)42}$ = 14
3) $4\overline{)76}$ = 19
4) $9\overline{)135}$ = 15
5) $9\overline{)171}$ = 19
6) $7\overline{)140}$ = 20
7) $3\overline{)39}$ = 13
8) $8\overline{)152}$ = 19
9) $8\overline{)112}$ = 14
10) $2\overline{)36}$ = 18
11) $9\overline{)72}$ = 8
12) $6\overline{)24}$ = 4
13) $8\overline{)8}$ = 1
14) $2\overline{)28}$ = 14
15) $8\overline{)88}$ = 11
16) $6\overline{)6}$ = 1
17) $6\overline{)48}$ = 8
18) $5\overline{)5}$ = 1
19) $2\overline{)18}$ = 9
20) $3\overline{)15}$ = 5
21) $5\overline{)50}$ = 10
22) $7\overline{)14}$ = 2
23) $7\overline{)70}$ = 10
24) $8\overline{)136}$ = 17
25) $3\overline{)12}$ = 4
26) $4\overline{)16}$ = 4
27) $3\overline{)33}$ = 11
28) $9\overline{)153}$ = 17
29) $6\overline{)90}$ = 15
30) $10\overline{)170}$ = 17
31) $9\overline{)162}$ = 18
32) $4\overline{)52}$ = 13
33) $6\overline{)54}$ = 9
34) $5\overline{)70}$ = 14
35) $7\overline{)91}$ = 13
36) $8\overline{)144}$ = 18
37) $5\overline{)45}$ = 9
38) $8\overline{)72}$ = 9
39) $6\overline{)42}$ = 7
40) $4\overline{)20}$ = 5
41) $7\overline{)77}$ = 11
42) $4\overline{)36}$ = 9
43) $9\overline{)9}$ = 1
44) $6\overline{)60}$ = 10
45) $3\overline{)3}$ = 1
46) $10\overline{)190}$ = 19
47) $2\overline{)16}$ = 8
48) $6\overline{)78}$ = 13
49) $6\overline{)36}$ = 6
50) $3\overline{)27}$ = 9
51) $3\overline{)9}$ = 3
52) $4\overline{)56}$ = 14
53) $7\overline{)98}$ = 14
54) $4\overline{)60}$ = 15
55) $9\overline{)81}$ = 9
56) $3\overline{)24}$ = 8
57) $7\overline{)126}$ = 18
58) $5\overline{)60}$ = 12
59) $4\overline{)72}$ = 18
60) $8\overline{)40}$ = 5
61) $2\overline{)24}$ = 12
62) $10\overline{)130}$ = 13
63) $9\overline{)27}$ = 3

Name:_____ Class:_____ Date:____/____/_____

Basic Multiplication

Find the product.

1) 10 × 2 = 20	2) 3 × 5 = 15	3) 2 × 10 = 20	4) 7 × 4 = 28	5) 3 × 9 = 27	6) 9 × 5 = 45	7) 1 × 3 = 3	8) 2 × 5 = 10
9) 9 × 2 = 18	10) 9 × 11 = 99	11) 4 × 4 = 16	12) 5 × 9 = 45	13) 8 × 6 = 48	14) 11 × 9 = 99	15) 7 × 10 = 70	16) 9 × 8 = 72
17) 2 × 2 = 4	18) 8 × 9 = 72	19) 8 × 4 = 32	20) 5 × 6 = 30	21) 11 × 2 = 22	22) 11 × 10 = 110	23) 6 × 5 = 30	24) 5 × 7 = 35
25) 10 × 5 = 50	26) 11 × 11 = 121	27) 2 × 1 = 2	28) 9 × 12 = 108	29) 7 × 6 = 42	30) 10 × 10 = 100	31) 4 × 3 = 12	32) 4 × 12 = 48
33) 4 × 7 = 28	34) 1 × 12 = 12	35) 9 × 7 = 63	36) 12 × 10 = 120	37) 8 × 2 = 16	38) 4 × 11 = 44	39) 3 × 8 = 24	40) 7 × 11 = 77
41) 10 × 11 = 110	42) 7 × 7 = 49	43) 8 × 3 = 24	44) 9 × 9 = 81	45) 2 × 7 = 14	46) 10 × 7 = 70	47) 12 × 7 = 84	48) 2 × 9 = 18
49) 4 × 1 = 4	50) 3 × 11 = 33	51) 6 × 9 = 54	52) 10 × 8 = 80	53) 4 × 9 = 36	54) 2 × 6 = 12	55) 7 × 3 = 21	56) 3 × 6 = 18
57) 2 × 11 = 22	58) 11 × 7 = 77	59) 3 × 2 = 6	60) 6 × 8 = 48	61) 10 × 6 = 60	62) 11 × 4 = 44	63) 5 × 5 = 25	64) 8 × 10 = 80
65) 8 × 8 = 64	66) 6 × 3 = 18	67) 11 × 8 = 88	68) 9 × 4 = 36	69) 1 × 2 = 2	70) 3 × 10 = 30	71) 5 × 2 = 10	72) 9 × 10 = 90

Name:_____ Class:_____ Date:____/____/_____

Basic Subtraction

Find the difference.

1) 3 − 2 = 1	2) 17 − 15 = 2	3) 14 − 1 = 13	4) 2 − 2 = 0	5) 20 − 2 = 18	6) 8 − 7 = 1	7) 6 − 1 = 5	8) 16 − 8 = 8
9) 19 − 19 = 0	10) 9 − 8 = 1	11) 10 − 9 = 1	12) 8 − 5 = 3	13) 10 − 5 = 5	14) 11 − 7 = 4	15) 13 − 6 = 7	16) 4 − 3 = 1
17) 5 − 3 = 2	18) 13 − 13 = 0	19) 14 − 9 = 5	20) 19 − 11 = 8	21) 19 − 9 = 10	22) 10 − 8 = 2	23) 1 − 1 = 0	24) 17 − 17 = 0
25) 9 − 7 = 2	26) 14 − 7 = 7	27) 11 − 9 = 2	28) 9 − 9 = 0	29) 5 − 4 = 1	30) 10 − 7 = 3	31) 17 − 6 = 11	32) 17 − 1 = 16
33) 7 − 6 = 1	34) 18 − 16 = 2	35) 16 − 1 = 15	36) 13 − 1 = 12	37) 18 − 14 = 4	38) 17 − 10 = 7	39) 12 − 3 = 9	40) 16 − 4 = 12
41) 13 − 2 = 11	42) 2 − 1 = 1	43) 4 − 1 = 3	44) 4 − 2 = 2	45) 19 − 16 = 3	46) 19 − 1 = 18	47) 16 − 2 = 14	48) 19 − 13 = 6
49) 14 − 11 = 3	50) 12 − 10 = 2	51) 10 − 4 = 6	52) 12 − 9 = 3	53) 9 − 3 = 6	54) 15 − 10 = 5	55) 18 − 7 = 11	56) 17 − 4 = 13
57) 15 − 8 = 7	58) 12 − 2 = 10	59) 8 − 3 = 5	60) 13 − 5 = 8	61) 19 − 10 = 9	62) 13 − 8 = 5	63) 7 − 3 = 4	64) 16 − 5 = 11
65) 6 − 4 = 2	66) 20 − 8 = 12	67) 18 − 11 = 7	68) 6 − 5 = 1	69) 8 − 2 = 6	70) 17 − 9 = 8	71) 15 − 7 = 8	72) 14 − 5 = 9

Name:_____ Class:_____ Date:____/____/_____

Basic Subtraction and Regrouping

Find the difference.

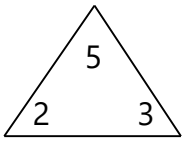
1) 570 − 392 = 178	2) 940 − 885 = 55	3) 580 − 491 = 89	4) 370 − 181 = 189	5) 580 − 393 = 187	6) 440 − 172 = 268	7) 920 − 548 = 372
8) 560 − 497 = 63	9) 680 − 296 = 384	10) 600 − 213 = 387	11) 610 − 559 = 51	12) 250 − 162 = 88	13) 680 − 595 = 85	14) 310 − 289 = 21
15) 230 − 142 = 88	16) 210 − 174 = 36	17) 410 − 387 = 23	18) 450 − 161 = 289	19) 250 − 165 = 85	20) 510 − 363 = 147	21) 520 − 359 = 161
22) 480 − 399 = 81	23) 770 − 289 = 481	24) 630 − 351 = 279	25) 980 − 896 = 84	26) 740 − 695 = 45	27) 680 − 591 = 89	28) 470 − 394 = 76
29) 480 − 396 = 84	30) 310 − 253 = 57	31) 470 − 298 = 172	32) 330 − 147 = 183	33) 500 − 472 = 28	34) 840 − 756 = 84	35) 230 − 169 = 61
36) 910 − 222 = 688	37) 740 − 688 = 52	38) 770 − 194 = 576	39) 510 − 243 = 267	40) 530 − 256 = 274	41) 300 − 261 = 39	42) 920 − 151 = 769
43) 650 − 199 = 451	44) 800 − 527 = 273	45) 550 − 472 = 78	46) 760 − 396 = 364	47) 340 − 277 = 63	48) 300 − 114 = 186	49) 310 − 149 = 161
50) 330 − 288 = 42	51) 600 − 461 = 139	52) 350 − 289 = 61	53) 260 − 174 = 86	54) 220 − 194 = 26	55) 200 − 197 = 3	56) 250 − 192 = 58
57) 380 − 297 = 83	58) 540 − 376 = 164	59) 530 − 186 = 344	60) 620 − 248 = 372	61) 230 − 178 = 52	62) 530 − 269 = 261	63) 530 − 355 = 175

Name:_____ Class:_____ Date:____/____/_____

Fact Families

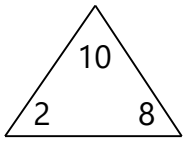
Complete each family of facts.

1)



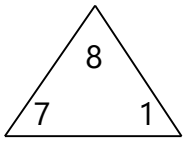
2	+	3	=	5
3	+	2	=	5
5	-	2	=	3
5	-	3	=	2

2)



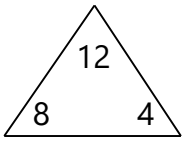
2	+	8	=	10
8	+	2	=	10
10	-	2	=	8
10	-	8	=	2

3)



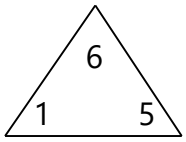
7	+	1	=	8
1	+	7	=	8
8	-	7	=	1
8	-	1	=	7

4)



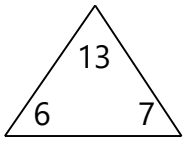
8	+	4	=	12
4	+	8	=	12
12	-	8	=	4
12	-	4	=	8

5)



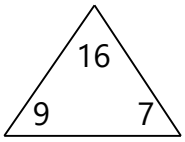
1	+	5	=	6
5	+	1	=	6
6	-	1	=	5
6	-	5	=	1

6)



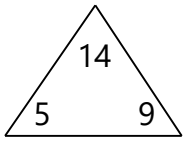
6	+	7	=	13
7	+	6	=	13
13	-	6	=	7
13	-	7	=	6

7)



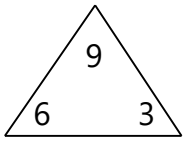
9	+	7	=	16
7	+	9	=	16
16	-	9	=	7
16	-	7	=	9

8)



5	+	9	=	14
9	+	5	=	14
14	-	5	=	9
14	-	9	=	5

9)



6	+	3	=	9
3	+	6	=	9
9	-	6	=	3
9	-	3	=	6

Name:_____ Class:_____ Date:____/____/_____

Input Output Addition

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
8	17
3	12
6	15
7	16

Add 9

2)

Input	Output
5	7
1	3
8	10
7	9

Add 2

3)

Input	Output
5	10
3	8
9	14
4	9

Add 5

4)

Input	Output
5	12
6	13
9	16
2	9

Add 7

5)

Input	Output
1	5
4	8
9	13
8	12

Add 4

6)

Input	Output
1	3
6	8
5	7
9	11

Add 2

7)

Input	Output
2	4
10	12
7	9
4	6

Add 2

8)

Input	Output
2	3
4	5
7	8
9	10

Add 1

9)

Input	Output
10	11
2	3
6	7
4	5

Add 1

10)

Input	Output
1	8
10	17
4	11
5	12

Add 7

11)

Input	Output
8	18
5	15
9	19
2	12

Add 10

12)

Input	Output
8	16
4	12
7	15
5	13

Add 8

Name:_____ Class:_____ Date:____/____/_____

Input Output Subtraction

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
10	3
8	1
7	0
9	2

Subtract 7

2)

Input	Output
8	1
7	0
9	2
10	3

Subtract 7

3)

Input	Output
6	5
4	3
9	8
1	0

Subtract 1

4)

Input	Output
10	5
5	0
8	3
7	2

Subtract 5

5)

Input	Output
9	5
4	0
7	3
8	4

Subtract 4

6)

Input	Output
8	2
10	4
9	3
7	1

Subtract 6

7)

Input	Output
5	2
8	5
4	1
7	4

Subtract 3

8)

Input	Output
7	2
6	1
5	0
8	3

Subtract 5

9)

Input	Output
7	3
9	5
4	0
5	1

Subtract 4

10)

Input	Output
3	0
5	2
9	6
10	7

Subtract 3

11)

Input	Output
5	0
8	3
9	4
10	5

Subtract 5

12)

Input	Output
6	4
9	7
4	2
10	8

Subtract 2

Name:_____ Class:_____ Date:____/____/_____

Input Output Multiplication

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
8	72
4	36
6	54
7	63

Multiply by 9

2)

Input	Output
10	100
5	50
7	70
4	40

Multiply by 10

3)

Input	Output
10	40
4	16
1	4
9	36

Multiply by 4

4)

Input	Output
3	30
8	80
9	90
5	50

Multiply by 10

5)

Input	Output
7	56
10	80
2	16
6	48

Multiply by 8

6)

Input	Output
10	90
3	27
4	36
8	72

Multiply by 9

7)

Input	Output
4	20
3	15
9	45
10	50

Multiply by 5

8)

Input	Output
1	4
6	24
3	12
7	28

Multiply by 4

9)

Input	Output
5	10
4	8
10	20
9	18

Multiply by 2

10)

Input	Output
6	42
3	21
4	28
8	56

Multiply by 7

11)

Input	Output
2	2
3	3
8	8
7	7

Multiply by 1

12)

Input	Output
5	15
4	12
9	27
2	6

Multiply by 3

Name:_____ Class:_____ Date:____/____/_____

Input Output Division

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
6	6
10	10
5	5
3	3

Divide by 1

2)

Input	Output
18	2
27	3
81	9
63	7

Divide by 9

3)

Input	Output
16	4
12	3
40	10
24	6

Divide by 4

4)

Input	Output
42	6
7	1
56	8
63	9

Divide by 7

5)

Input	Output
80	10
48	6
56	7
64	8

Divide by 8

6)

Input	Output
12	3
24	6
4	1
40	10

Divide by 4

7)

Input	Output
3	3
4	4
10	10
7	7

Divide by 1

8)

Input	Output
10	10
8	8
1	1
4	4

Divide by 1

9)

Input	Output
20	5
16	4
32	8
4	1

Divide by 4

10)

Input	Output
90	10
36	4
72	8
9	1

Divide by 9

11)

Input	Output
48	8
18	3
54	9
12	2

Divide by 6

12)

Input	Output
20	10
18	9
14	7
4	2

Divide by 2

Name:_____ Class:_____ Date:____/____/_____

Input Output + - x /

Fill in the empty blanks. Write a rule to represent the relationship between input and output.

1)

Input	Output
2	3
6	7
5	6
8	9

Add 1

2)

Input	Output
42	7
36	6
24	4
60	10

Divide by 6

3)

Input	Output
63	9
70	10
21	3
7	1

Divide by 7

4)

Input	Output
10	19
4	13
8	17
6	15

Add 9

5)

Input	Output
10	9
3	2
5	4
4	3

Subtract 1

6)

Input	Output
4	32
6	48
9	72
5	40

Multiply by 8

7)

Input	Output
4	1
5	2
10	7
3	0

Subtract 3

8)

Input	Output
9	81
8	72
5	45
7	63

Multiply by 9

9)

Input	Output
2	1
20	10
4	2
14	7

Divide by 2

10)

Input	Output
6	16
5	15
3	13
2	12

Add 10

11)

Input	Output
10	5
6	1
5	0
7	2

Subtract 5

12)

Input	Output
24	6
20	5
8	2
28	7

Divide by 4

Name:_____ Class:_____ Date:____/____/_____

Make Sum

What number should be added to the first number to make the second number?

1) 2 + 7 = 9	2) 9 + 1 = 10	3) 11 + 0 = 11	4) 3 + 1 = 4	5) 8 + 11 = 19	6) 2 + 0 = 2	7) 12 + 4 = 16	8) 7 + 6 = 13
9) 1 + 4 = 5	10) 4 + 8 = 12	11) 4 + 9 = 13	12) 6 + 12 = 18	13) 10 + 1 = 11	14) 1 + 14 = 15	15) 2 + 3 = 5	16) 17 + 2 = 19
17) 2 + 1 = 3	18) 4 + 1 = 5	19) 3 + 5 = 8	20) 3 + 12 = 15	21) 7 + 5 = 12	22) 3 + 15 = 18	23) 3 + 4 = 7	24) 5 + 13 = 18
25) 6 + 0 = 6	26) 8 + 3 = 11	27) 9 + 7 = 16	28) 8 + 8 = 16	29) 6 + 10 = 16	30) 5 + 8 = 13	31) 1 + 1 = 2	32) 4 + 7 = 11
33) 5 + 1 = 6	34) 6 + 8 = 14	35) 18 + 0 = 18	36) 13 + 1 = 14	37) 16 + 1 = 17	38) 1 + 19 = 20	39) 4 + 4 = 8	40) 1 + 10 = 11
41) 8 + 4 = 12	42) 3 + 6 = 9	43) 2 + 5 = 7	44) 9 + 5 = 14	45) 4 + 0 = 4	46) 3 + 2 = 5	47) 1 + 13 = 14	48) 11 + 3 = 14
49) 5 + 15 = 20	50) 8 + 2 = 10	51) 14 + 3 = 17	52) 15 + 1 = 16	53) 10 + 2 = 12	54) 2 + 15 = 17	55) 13 + 2 = 15	56) 7 + 3 = 10
57) 3 + 14 = 17	58) 3 + 10 = 13	59) 13 + 4 = 17	60) 4 + 10 = 14	61) 5 + 2 = 7	62) 10 + 6 = 16	63) 4 + 5 = 9	64) 3 + 3 = 6
65) 15 + 2 = 17	66) 1 + 2 = 3	67) 15 + 3 = 18	68) 2 + 18 = 20	69) 5 + 7 = 12	70) 7 + 13 = 20	71) 9 + 8 = 17	72) 10 + 0 = 10

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Addition

Match the answer with the question.

1)

a. 2 + 1 = _____ V
b. 3 + 12 = _____ C
c. 9 + 1 = _____ G
d. 8 + 20 = _____ U
e. 18 + 17 = _____ P
f. 13 + 5 = _____ O
g. 17 + 15 = _____ L
h. 13 + 1 = _____ F
i. 11 + 20 = _____ H
j. 5 + 14 = _____ B
k. 12 + 7 = _____ T
l. 1 + 7 = _____ E
m. 14 + 19 = _____ A
n. 20 + 19 = _____ D
o. 18 + 14 = _____ W
p. 17 + 10 = _____ M
q. 15 + 5 = _____ J
r. 10 + 16 = _____ S
s. 1 + 9 = _____ I
t. 8 + 12 = _____ X
u. 5 + 5 = _____ Y
v. 1 + 16 = _____ R
w. 11 + 18 = _____ K
x. 15 + 20 = _____ Q
y. 2 + 17 = _____ N

E = 8
Q = 35
V = 3
C = 15
J = 20
L = 32
S = 26
M = 27
R = 17
F = 14
Y = 10
W = 32
X = 20
A = 33
G = 10
T = 19
O = 18
K = 29
U = 28
I = 10
B = 19
H = 31
P = 35
N = 19
D = 39

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Subtraction

Match the answer with the question.

1)

a. 10 – 8 = _____ W
b. 20 – 7 = _____ S
c. 10 – 6 = _____ G
d. 20 – 14 = _____ J
e. 7 – 5 = _____ C
f. 9 – 7 = _____ E
g. 12 – 2 = _____ Y
h. 8 – 1 = _____ Q
i. 20 – 6 = _____ K
j. 13 – 3 = _____ B
k. 17 – 3 = _____ D
l. 9 – 1 = _____ V
m. 6 – 4 = _____ F
n. 13 – 13 = _____ R
o. 13 – 4 = _____ L
p. 2 – 2 = _____ A
q. 9 – 8 = _____ U
r. 14 – 14 = _____ T
s. 14 – 13 = _____ M
t. 3 – 1 = _____ I
u. 13 – 12 = _____ H
v. 11 – 8 = _____ P
w. 7 – 6 = _____ N
x. 7 – 2 = _____ X
y. 12 – 6 = _____ O

A = 0
W = 2
L = 9
H = 1
K = 14
I = 2
C = 2
N = 1
M = 1
F = 2
B = 10
Y = 10
R = 0
V = 8
U = 1
T = 0
G = 4
P = 3
J = 6
O = 6
D = 14
S = 13
Q = 7
X = 5
E = 2

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Multiplication

Match the answer with the question.

1)

a. 13 × 1 = _____ H
b. 20 × 15 = _____ G
c. 8 × 16 = _____ Q
d. 14 × 10 = _____ V
e. 11 × 1 = _____ M
f. 20 × 9 = _____ R
g. 19 × 16 = _____ P
h. 13 × 16 = _____ X
i. 16 × 2 = _____ C
j. 20 × 7 = _____ J
k. 14 × 1 = _____ O
l. 3 × 1 = _____ E
m. 9 × 19 = _____ K
n. 7 × 13 = _____ T
o. 15 × 18 = _____ D
p. 4 × 20 = _____ B
q. 5 × 6 = _____ W
r. 8 × 4 = _____ Y
s. 8 × 20 = _____ F
t. 14 × 5 = _____ S
u. 12 × 9 = _____ U
v. 1 × 1 = _____ A
w. 5 × 9 = _____ L
x. 6 × 12 = _____ I
y. 12 × 12 = _____ N

R = 180
G = 300
A = 1
C = 32
M = 11
U = 108
J = 140
D = 270
Y = 32
N = 144
K = 171
T = 91
H = 13
V = 140
F = 160
X = 208
L = 45
I = 72
Q = 128
E = 3
W = 30
P = 304
O = 14
B = 80
S = 70

Name:_____ Class:_____ Date:____/____/_____

Match-Ups Division

Match the answer with the question.

1)

a. 84 ÷ 14 = _____ V
b. 27 ÷ 3 = _____ C
c. 30 ÷ 3 = _____ G
d. 132 ÷ 12 = _____ K
e. 234 ÷ 18 = _____ B
f. 208 ÷ 16 = _____ D
g. 8 ÷ 8 = _____ J
h. 126 ÷ 9 = _____ L
i. 28 ÷ 2 = _____ X
j. 32 ÷ 2 = _____ I
k. 4 ÷ 4 = _____ W
l. 12 ÷ 3 = _____ S
m. 88 ÷ 11 = _____ R
n. 221 ÷ 17 = _____ H
o. 20 ÷ 5 = _____ O
p. 132 ÷ 11 = _____ A
q. 96 ÷ 8 = _____ F
r. 180 ÷ 9 = _____ P
s. 108 ÷ 12 = _____ M
t. 120 ÷ 15 = _____ Q
u. 240 ÷ 15 = _____ U
v. 33 ÷ 11 = _____ T
w. 72 ÷ 9 = _____ N
x. 65 ÷ 5 = _____ Y
y. 77 ÷ 11 = _____ E

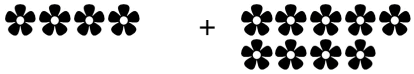
A = 12
G = 10
F = 12
U = 16
V = 6
D = 13
S = 4
I = 16
H = 13
L = 14
Q = 8
K = 11
R = 8
B = 13
T = 3
J = 1
Y = 13
W = 1
C = 9
P = 20
M = 9
N = 8
X = 14
E = 7
O = 4

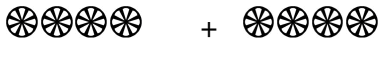
Name:_____ Class:_____ Date:____/____/_____

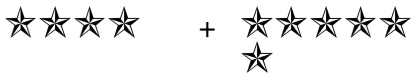
Pictorial Addition

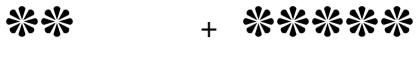
Add.

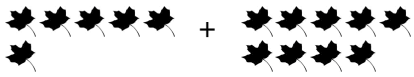
1) = 11

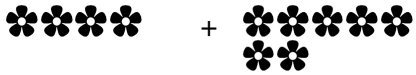
2)  = 13

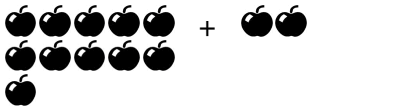
3)  = 8

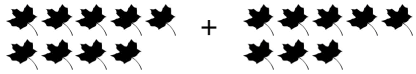
4)  = 10

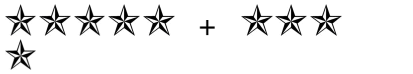
5)  = 7

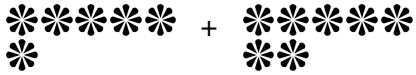
6)  = 15

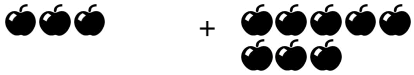
7)  = 11

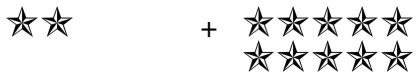
8)  = 13

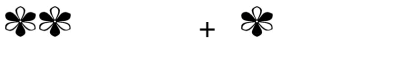
9)  = 17

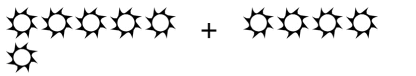
10)  = 9

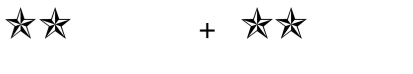
11)  = 13

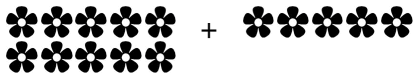
12)  = 11

13)  = 12

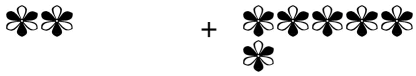
14)  = 3

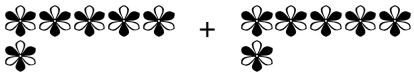
15)  = 10

16)  = 4

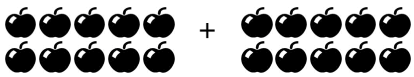
17)  = 15

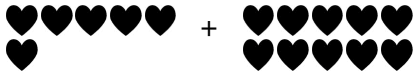
18) = 14

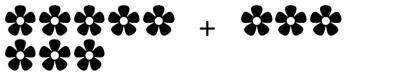
19)  = 8

20)  = 12

21) = 14

22)  = 20

23)  = 16

24)  = 11

Name:_____ Class:_____ Date:____/____/_____

Quick Facts

Calculate.

1) 8 + 8 = 16
2) 4 − 4 = 0
3) 9 − 7 = 2
4) 5 − 1 = 4
5) 11 − 7 = 4
6) 2 × 3 = 6
7) 9)180 = 20
8) 5)75 = 15
9) 3 − 1 = 2
10) 17 × 5 = 85
11) 20 − 4 = 16
12) 7 − 1 = 6
13) 11 + 1 = 12
14) 17 + 9 = 26
15) 7)70 = 10
16) 5)40 = 8
17) 14 − 9 = 5
18) 12 × 7 = 84
19) 7)98 = 14
20) 8 × 8 = 64
21) 2)20 = 10
22) 3 × 7 = 21
23) 14 × 7 = 98
24) 13 − 5 = 8
25) 7 + 1 = 8
26) 15 × 4 = 60
27) 13 × 9 = 117
28) 17 × 1 = 17
29) 5 − 3 = 2
30) 9 + 2 = 11
31) 7)91 = 13
32) 15 × 7 = 105
33) 9)27 = 3
34) 20 × 9 = 180
35) 13 − 3 = 10
36) 10 + 9 = 19
37) 6 + 8 = 14
38) 8 + 3 = 11
39) 7)126 = 18
40) 4)12 = 3
41) 20 × 3 = 60
42) 18 − 5 = 13
43) 11 − 5 = 6
44) 12 − 2 = 10
45) 14 × 4 = 56
46) 4)64 = 16
47) 12 − 8 = 4
48) 3)42 = 14
49) 10 + 2 = 12
50) 5)60 = 12
51) 17 + 7 = 24
52) 5 × 2 = 10
53) 3 × 9 = 27
54) 2 × 4 = 8

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Addition

Solve.

1) Twenty plums are in the basket. Fourteen more plums are put in the basket. How many plums are in the basket now?

34

2) Twenty oranges were in the basket. Three are red and the rest are green. How many oranges are green?

17

3) Jackie has eight more peaches than Michele. Michele has seven peaches. How many peaches does Jackie have?

15

4) Seven mangoes were in the basket. More mangoes were added to the basket. Now there are ten mangoes. How many mangoes were added to the basket?

3

5) Billy has two pears and Steven has nineteen pears. How many pears do Billy and Steven have together?

21

6) Nineteen red apples and seventeen green apples are in the basket. How many apples are in the basket?

36

7) Some bananas were in the basket. Nineteen more bananas were added to the basket. Now there are 34 bananas. How many bananas were in the basket before more bananas were added?

15

8) Six peaches were in the basket. More peaches were added to the basket. Now there are 21 peaches. How many peaches were added to the basket?

15

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Division

Solve.

1) Donald ordered ten pizzas. The bill for the pizzas came to $100. What was the cost of each pizza?

10

2) Jake is reading a book with 44 pages. If Jake wants to read the same number of pages every day, how many pages would Jake have to read each day to finish in eleven days?

4

3) A box of apples weighs 54 pounds. If one apple weighs six pounds, how many apples are there in the box?

9

4) How many five cm pieces of rope can you cut from a rope that is fifteen cm long?

3

5) Jackie made 32 cookies for a bake sale. She put the cookies in bags, with four cookies in each bag. How many bags did she have for the bake sale?

8

6) You have 48 pears and want to share them equally with twelve people. How many pears would each person get?

4

7) Sandra ordered seven pizzas. The bill for the pizzas came to $fourteen. What was the cost of each pizza?

2

8) Sharon made 77 cookies for a bake sale. She put the cookies in bags, with eleven cookies in each bag. How many bags did she have for the bake sale?

7

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Multiplication

Solve.

1) If there are two peaches in each box and there are twelve boxes, how many peaches are there in total?

24

2) Audrey swims five laps every day. How many laps will Audrey swim in six days?

30

3) Jake has four times more mangoes than Sandra. Sandra has four mangoes. How many mangoes does Jake have?

16

4) Marin's garden has seven rows of pumpkins. Each row has nine pumpkins. How many pumpkins does Marin have in all?

63

5) Jake can cycle nine miles per hour. How far can Jake cycle in three hours?

27

6) If there are six pears in each box and there are twelve boxes, how many pears are there in total?

72

7) David can cycle five miles per hour. How far can David cycle in three hours?

15

8) Donald swims seven laps every day. How many laps will Donald swim in eight days?

56

9) Sandra's garden has twelve rows of pumpkins. Each row has ten pumpkins. How many pumpkins does Sandra have in all?

120

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Subtraction

Solve.

1) Three mangoes are in the basket. Two are red and the rest are green. How many mangoes are green?

1

2) Some peaches were in the basket. Six peaches were taken from the basket. Now there are three peaches. How many peaches were in the basket before some of the peaches were taken?

9

3) Amy has zero fewer bananas than Michele. Michele has two bananas. How many bananas does Amy have?

2

4) Seventeen plums were in the basket. Some of the plums were removed from the basket. Now there are twelve plums. How many plums were removed from the basket?

5

5) Steven has four apples. Paul has four apples. How many more apples does Paul have than Steven?

0

6) Five oranges are in the basket. Two oranges are taken out of the basket. How many oranges are in the basket now?

3

7) Thirteen pears were in the basket. Some of the pears were removed from the basket. Now there are eight pears. How many pears were removed from the basket?

5

8) Donald has three oranges. Allan has three oranges. How many more oranges does Allan have than Donald?

0

Name:_____ Class:_____ Date:____/____/_____

Compound Interest

Use compound interest to solve the following.

1) You put $794 into a savings account with an interest rate of 10% compounded annually which earns $262.81 over a period of time. How long was the period of time?

   three years

2) You invested $646 and after six years the total amount of the investment was $916.36. What was the interest rate if it was compounded annually?

   6%

3) If you received $56.29 on $211 invested at a rate of 3% compounded annually, for how long did you invest the principal?

   eight years

4) If an investment over four years at a rate of 4% compounded annually results in a final balance of $800.18, what was the original investment?

   $684

5) If you put money into a savings account that earns $25.52 over two years at a rate of 3% compounded annually, how much money did you put into the account?

   $419

6) If you put $499 into a savings account and after two years the balance is $560.68, what was the interest rate if it was compounded annually?

   6%

7) If you take out a loan that costs $121.87 over two years at an interest rate of 6% compounded annually, how much was the loan for?

   $986

8) If you put money into a savings account that earns $712.44 over eight years at a rate of 7% compounded annually, how much money did you put into the account?

   $992

Name:_____ Class:_____ Date:____/____/_____

Counting Money 1

Add the coins.

1)

= $3.50

2)

= $4.20

3)

= $0.40

4)

= $0.80

5)

= $0.65

Name:_____ Class:_____ Date:____/____/_____

Counting Money 2

Add the coins.

1)

= $3.60

2)

= $1.15

3)

= $1.10

4)

= $3.00

5)

= $2.30

Name:_____ Class:_____ Date:____/____/_____

Money in Words

Express the currency values in words.

1) $83.63 eighty-three dollars sixty-three cents

2) $4.01 four dollars one cent

3) $43.35 forty-three dollars thirty-five cents

4) $16.00 sixteen dollars zero cents

5) $41.64 forty-one dollars sixty-four cents

6) $90.12 ninety dollars twelve cents

7) $34.04 thirty-four dollars four cents

8) $7.97 seven dollars ninety-seven cents

9) $20.70 twenty dollars seventy cents

10) $14.84 fourteen dollars eighty-four cents

11) $11.55 eleven dollars fifty-five cents

12) $57.33 fifty-seven dollars thirty-three cents

13) $2.23 two dollars twenty-three cents

14) $25.57 twenty-five dollars fifty-seven cents

15) $90.84 ninety dollars eighty-four cents

16) $53.79 fifty-three dollars seventy-nine cents

17) $6.88 six dollars eighty-eight cents

18) $62.32 sixty-two dollars thirty-two cents

Name:_____ Class:_____ Date:____/____/_____

Shopping Problems 1

Solve.

hot dog = $1.35	cola = $1.35
order of French-fries = $1.50	ice cream cone = $1.60
hamburger = $2.00	milk shake = $2.15
deluxe cheeseburger = $3.30	taco = $2.90

1) $5.10 What is the total cost of a hamburger, an ice cream cone, and an order of French-fries?

2) $4.45 Jennifer wants to buy a hot dog, an ice cream cone, and an order of French-fries. How much money will she need?

3) $3.75 If Michele wanted to buy an ice cream cone and a milk shake, how much would she have to pay?

4) $5.75 What is the total cost of a hamburger, a milk shake, and an ice cream cone?

5) $3.65 If Audrey wanted to buy a milk shake and an order of French-fries, how much would it cost her?

6) $2.00 What is the total cost of a hamburger?

7) $6.70 Amy purchases a deluxe cheeseburger. If she had $10.00, how much money will she have left?

8) $6.80 What is the total cost of an order of French-fries, a deluxe cheeseburger, and a hamburger?

9) $1.35 Paul wants to buy a hot dog. How much will he have to pay?

10) $5.15 If Ellen buys a cola, an order of French-fries, and a hamburger, how much money will she get back if she pays $10.00?

11) $7.45 Jake purchases a hot dog, a taco, and a deluxe cheeseburger. How much money will he get back if he pays $15.00?

12) $4.85 Steven wants to buy a milk shake, a hot dog, and a cola. How much will it cost him?

Name:_____ Class:_____ Date:____/____/_____

Shopping Problems 2

Solve.

hot dog = $1.45	cola = $1.10
order of French-fries = $0.80	ice cream cone = $1.50
hamburger = $2.75	milk shake = $2.80
deluxe cheeseburger = $3.70	taco = $2.00

1) $6.25 What is the total cost of a hamburger, a taco, and an ice cream cone?

2) $9.25 If Billy wanted to buy a hamburger, a deluxe cheeseburger, and a milk shake, how much would it cost him?

3) $3.70 What is the total cost of a deluxe cheeseburger?

4) $4.30 Allan purchases a deluxe cheeseburger and a taco. How much money will he get back if he pays $10.00?

5) $2.25 If Audrey wanted to buy an order of French-fries and a hot dog, how much would it cost her?

6) $6.45 Jake wants to buy a hamburger and a deluxe cheeseburger. How much money will he need?

7) $2.00 What is the total cost of a taco?

8) $5.55 If Adam wanted to buy a hamburger and a milk shake, how much would he have to pay?

9) $7.25 Jackie purchases a hamburger. How much money will she get back if she pays $10.00?

10) $2.10 What is the total cost of a taco if there is a five percent sales tax?

11) $5.70 If Steven buys an order of French-fries, an ice cream cone, and a taco, what will his change be if he pays $10.00?

12) $6.10 If Michele buys a milk shake and a cola, how much change will she get back from $10.00?

Name:_____ Class:_____ Date:____/____/_____

Shopping Problems II

Solve the following.

1) If there is a store wide discount of 20% and Michele buys three colas at $1.20 each, how much will she save?

$0.72

2) How much will Audrey spend if she buys two deluxe cheeseburgers at $3.95 each with a discount of 20% and the sales tax is 10%?

$6.95

3) How much will Jennifer spend if she buys one milk shake at $2.10 each and the sales tax is 10%?

$2.31

4) What will the sales tax be if Jackie buys five hot dogs at $1.70 each and the sales tax rate is 10%?

$0.85

5) Allan buys three hamburgers at $2.75 each, four tacos at $2.45 each, and five orders of French -fries at $0.75 each. What is the total cost?

$21.80

6) If Sandra buys one ice cream cone at $1.70 each, how much will she spend?

$1.70

7) If Billy buys one ice cream cone at $1.20 each and two hamburgers at $2.75 each, how much will he spend?

$6.70

8) How much will Ellen spend if she buys three hot dogs at $1.10 each and the sales tax is 10%?

$3.63

9) If Sharon buys three orders of French-fries at $1.45 each, how much will she spend?

$4.35

Name:_____ Class:_____ Date:____/____/_____

Simple Interest

Use simple annual interest to solve the following.

1) The ending balance on an investment is $972.80. If the principal was invested at 10% for nine years, what was the principal?

   $512

2) If an investment over eight years at a rate of $324.24 results in a final balance of $903.24, what was the original investment?

   $579

3) How much principal must be invested to earn $127.60 in five years at an interest rate of 8%?

   $319

4) You put $314 into a savings account with an interest rate of 4% which earns $25.12 over a period of time. How long was the period of time?

   two years

5) How long must $613 be invested at a rate of 8% to earn $147.12 in interest?

   three years

6) How much interest is earned on $823 at 9% for six years?

   $444.42

7) If you put money into a savings account that earns $657.30 over seven years at a rate of 10%, how much money did you put into the account?

   $939

8) How long must $322 be invested at a rate of 5% to earn $16.10 in interest?

   one year

9) At what rate was an investment made that obtains $355.59 on $439 over nine years?

   9%

Name:_____ Class:_____ Date:____/____/_____

Wages 1

Solve the following.

1) If Paul earns $408.60 after deductions of $158.90 and after working 50 hours what is the hourly rate?

$11.35

2) Ellen baby-sat for 43 hours over two weeks. She earned $11.00 an hour. What was her gross pay?

$473.00

3) If Jackie earns $288.75 after working 21 hours what is the hourly rate?

$13.75

4) Marin's gross pay is $131.75. After deductions of 16% what is her net pay?

$110.67

5) How much will Michele earn if she earns $9.70 for each hour worked, works 17 hours, and has payroll deductions of $32.98?

$131.92

6) How much will Donald earn if he earns $13.10 per hour and works 11 hours?

$144.10

7) Brian's net pay is $249.92 after deductions of $102.08. He makes $8.00 per hour. How many hours did he work?

44 hours

8) What is David's net pay if he earns $10.30 for each hour worked, works 31 hours, and has payroll deductions of 14%?

$274.60

9) Sharon baby-sat for eight hours over two weeks. She earned $5.75 an hour. What was her gross pay?

$46.00

Name:_____ Class:_____ Date:____/____/_____

Wages 2

Solve the following.

1) Janet baby-sat for 45 hours over two weeks. She earned $13.20 an hour. What was her gross pay?

$594.00

2) What is Brian's net pay if he earns $9.35 for each hour worked, works 33 hours, and has payroll deductions of 28%?

$222.16

3) Jackie's gross pay is $287.00. After deductions of 26% what is her net pay?

$212.38

4) How much will Sandra earn if she earns $6.90 for each hour worked, works 17 hours, and has payroll deductions of $30.50?

$86.80

5) Paul's net pay is $152.82 after deductions of $59.43. He makes $14.15 per hour. How many hours did he work?

15 hours

6) If Amy earns $85.50 after working 18 hours what is the hourly rate?

$4.75

7) If Jake earns $189.08 after deductions of $47.27 and after working 29 hours what is the hourly rate?

$8.15

8) How much will David earn if he earns $8.95 per hour and works 25 hours?

$223.75

9) Jennifer's gross pay is $397.80. After deductions of 20% what is her net pay?

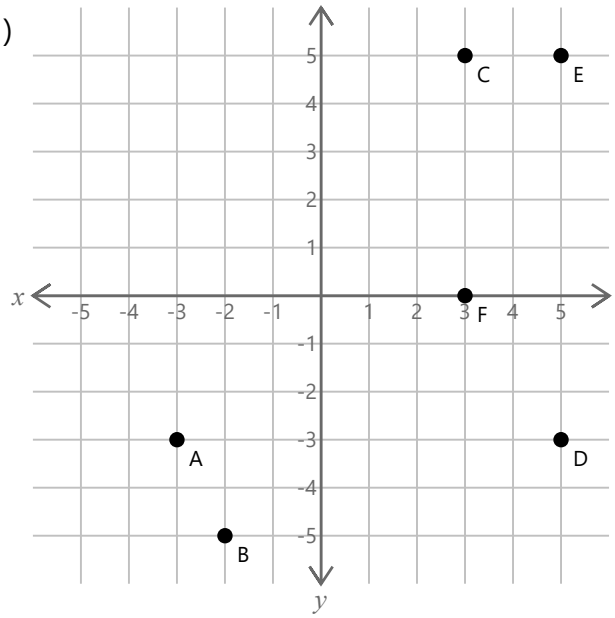
$318.24

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Four Quadrants 1

Fill in as indicated.

1)



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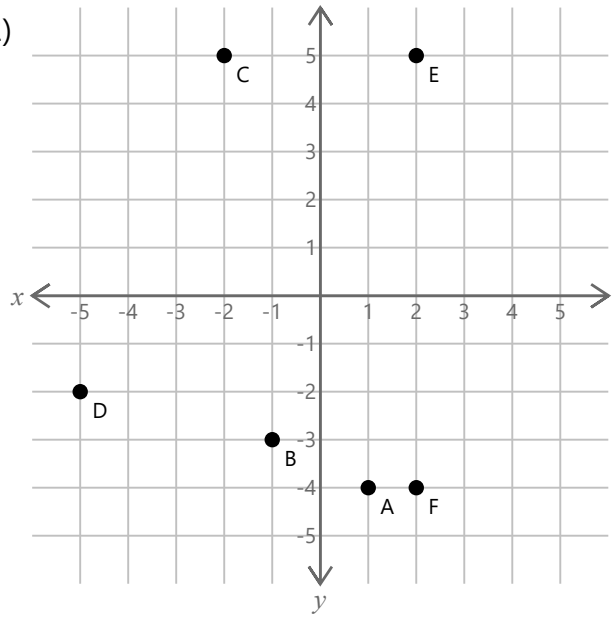
C = (3, 5) D = (5, -3)

E = (5, 5) F = (3, 0)

2)

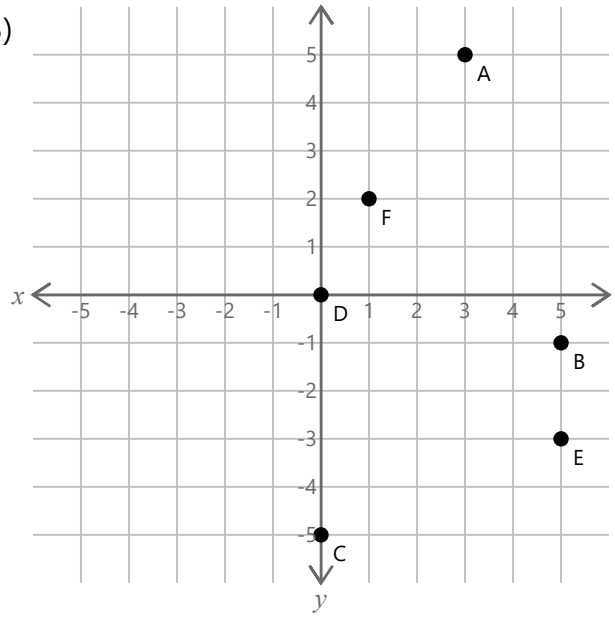


A = (1, -4) B = (-1, -3)

C = (-2, 5) D = (-5, -2)

E = (2, 5) F = (2, -4)

3)

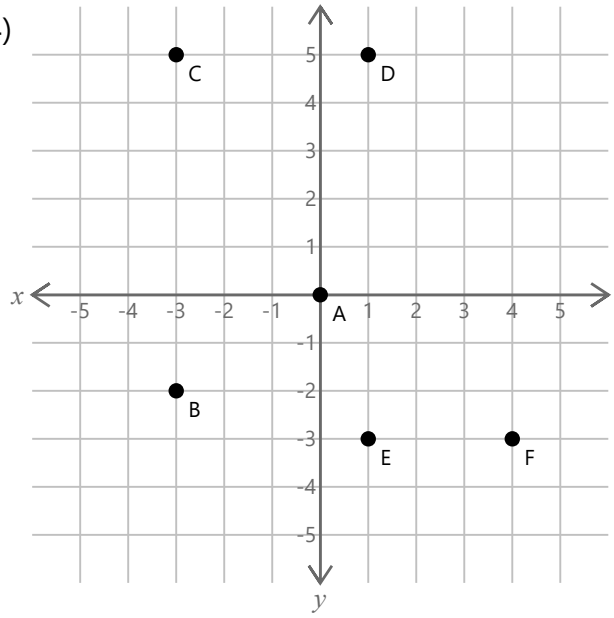


A = (3, 5) B = (5, -1)

C = (0, -5) D = (0, 0)

E = (5, -3) F = (1, 2)

4)



A = (0, 0) B = (-3, -2)

C = (-3, 5) D = (1, 5)

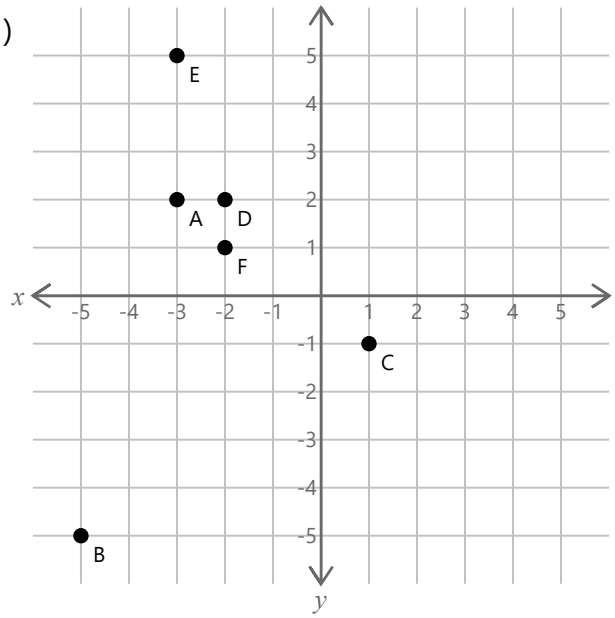
E = (1, -3) F = (4, -3)

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Four Quadrants 2

Fill in as indicated.

1)

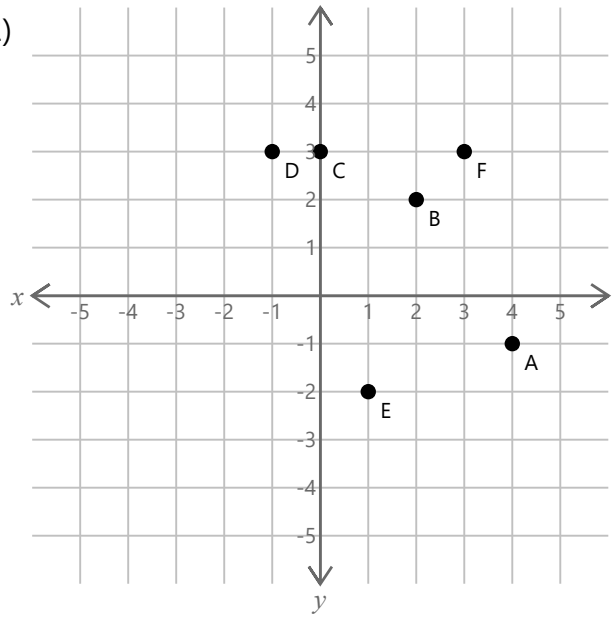


A = (-3, 2) B = (-5, -5)

C = (1, -1) D = (-2, 2)

E = (-3, 5) F = (-2, 1)

2)

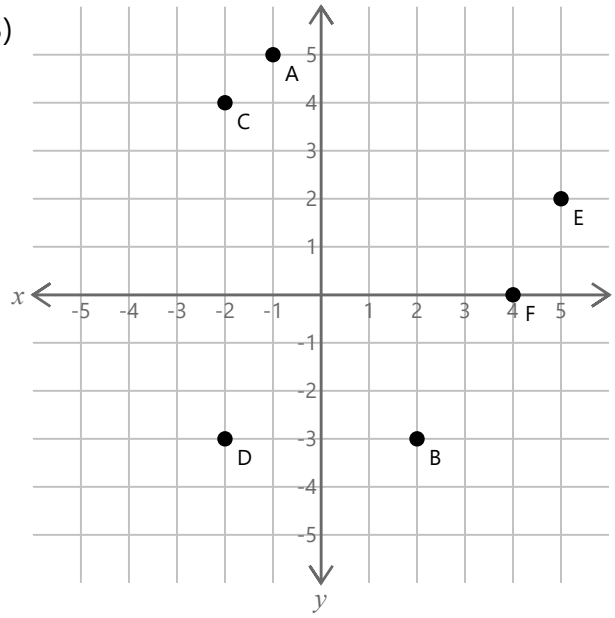


A = (4, -1) B = (2, 2)

C = (0, 3) D = (-1, 3)

E = (1, -2) F = (3, 3)

3)

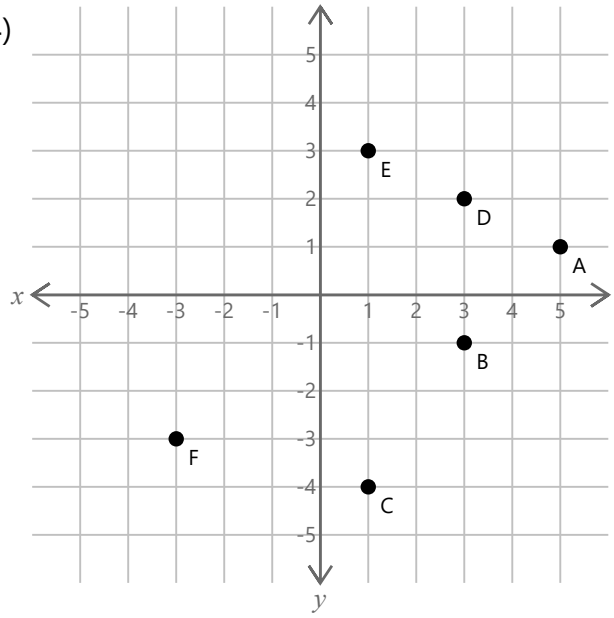


A = (-1, 5) B = (2, -3)

C = (-2, 4) D = (-2, -3)

E = (5, 2) F = (4, 0)

4)



A = (5, 1) B = (3, -1)

C = (1, -4) D = (3, 2)

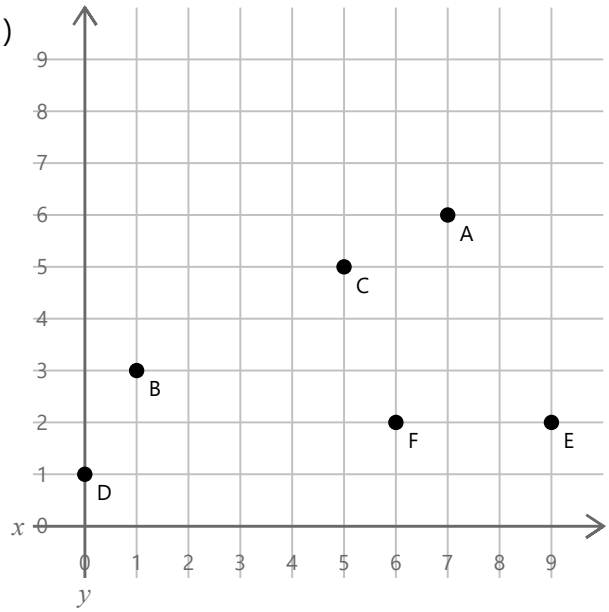
E = (1, 3) F = (-3, -3)

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Single Quadrant 1

Fill in as indicated.

1)

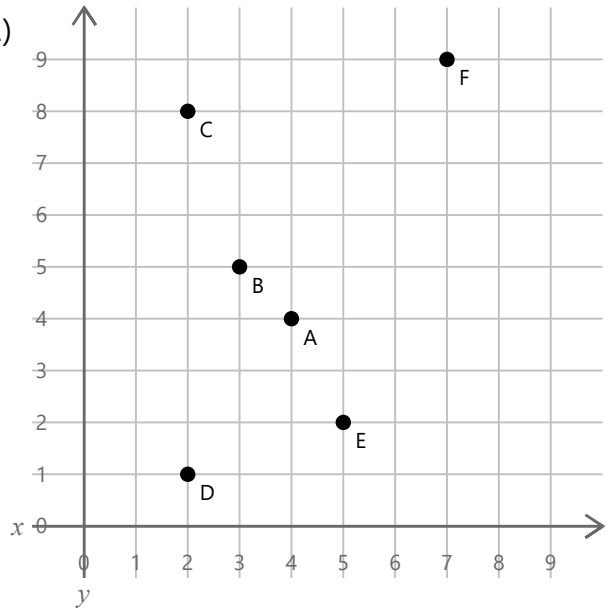


A = (7, 6) B = (1, 3)

C = (5, 5) D = (0, 1)

E = (9, 2) F = (6, 2)

2)

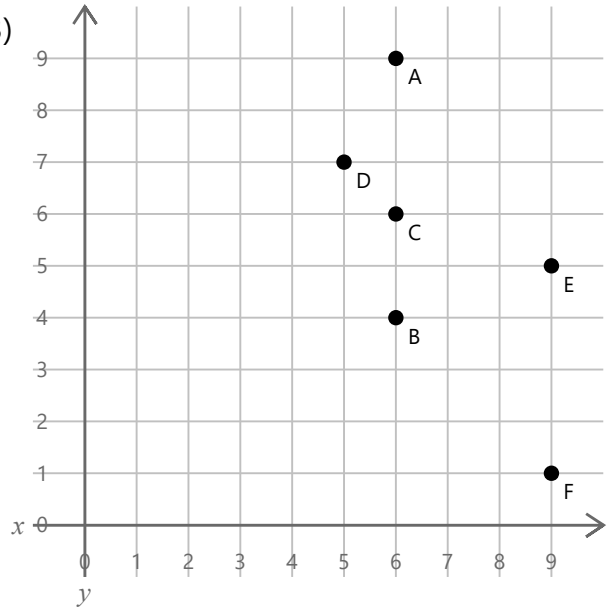


A = (4, 4) B = (3, 5)

C = (2, 8) D = (2, 1)

E = (5, 2) F = (7, 9)

3)

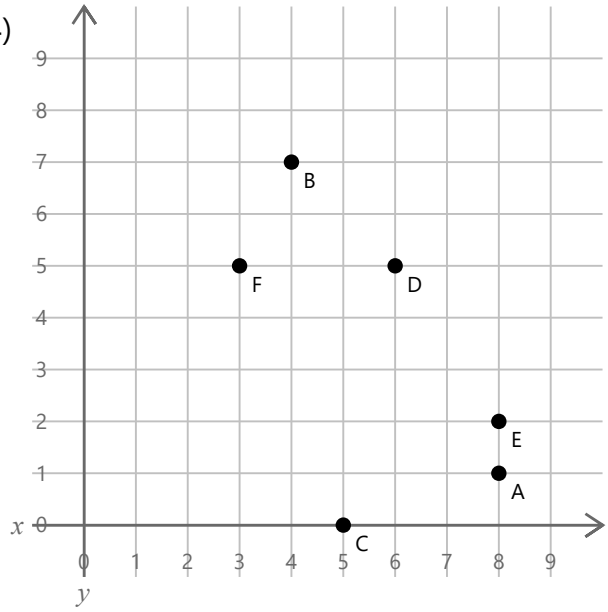


A = (6, 9) B = (6, 4)

C = (6, 6) D = (5, 7)

E = (9, 5) F = (9, 1)

4)



A = (8, 1) B = (4, 7)

C = (5, 0) D = (6, 5)

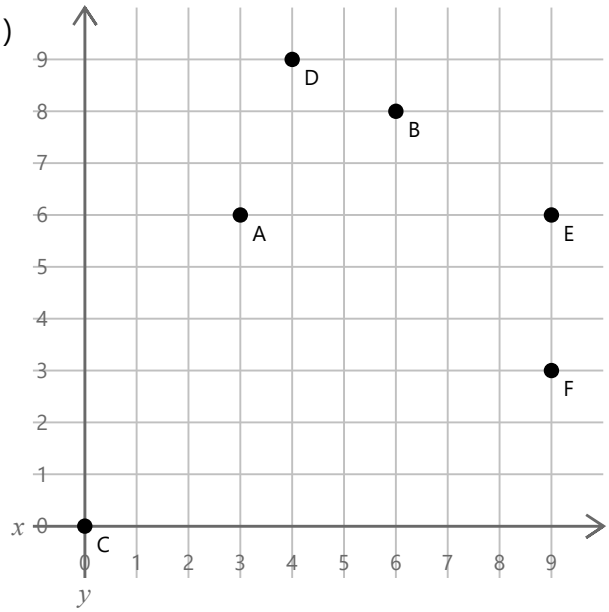
E = (8, 2) F = (3, 5)

Name:_____ Class:_____ Date:____/____/_____

Cartesian Coordinates - Single Quadrant 2

Fill in as indicated.

1)

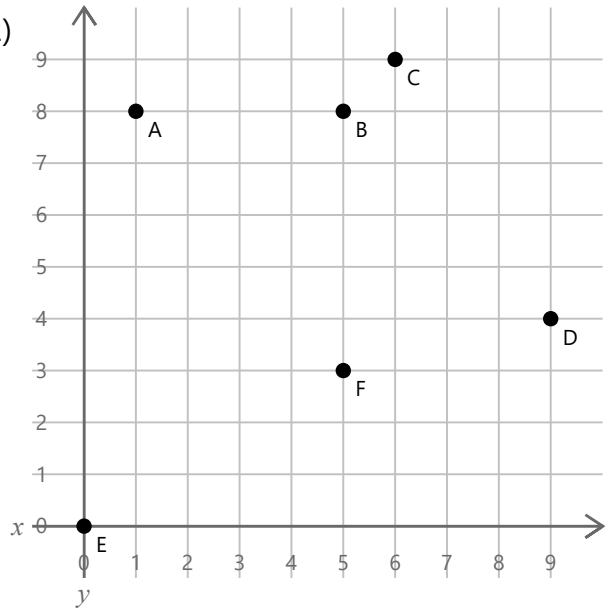


A = (3, 6) B = (6, 8)

C = (0, 0) D = (4, 9)

E = (9, 6) F = (9, 3)

2)

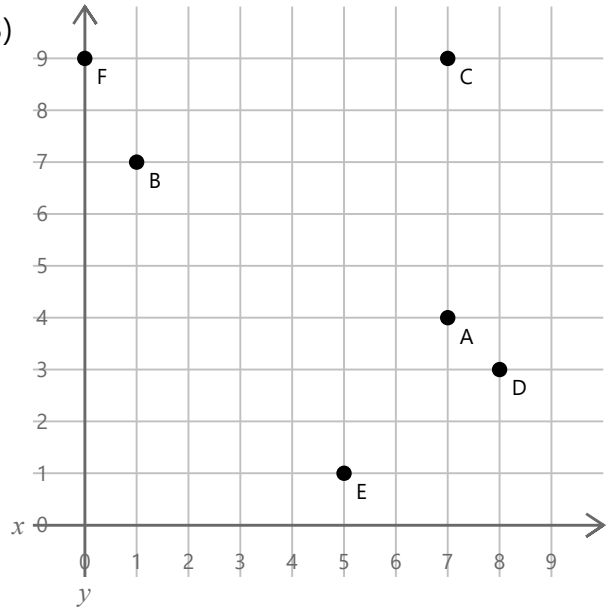


A = (1, 8) B = (5, 8)

C = (6, 9) D = (9, 4)

E = (0, 0) F = (5, 3)

3)

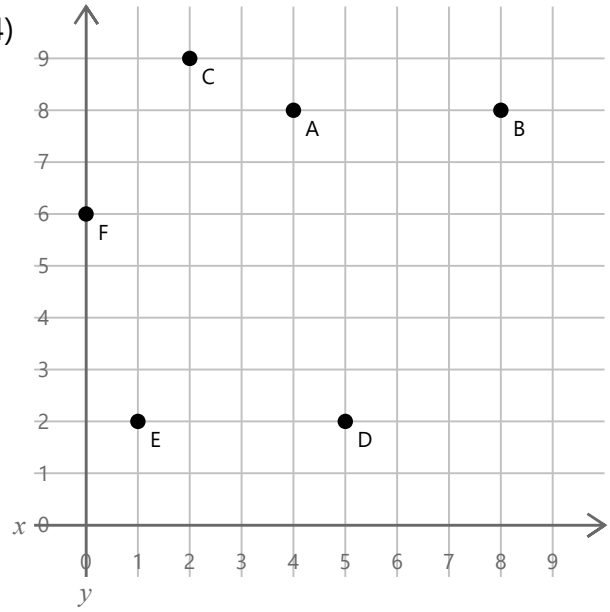


A = (7, 4) B = (1, 7)

C = (7, 9) D = (8, 3)

E = (5, 1) F = (0, 9)

4)



A = (4, 8) B = (8, 8)

C = (2, 9) D = (5, 2)

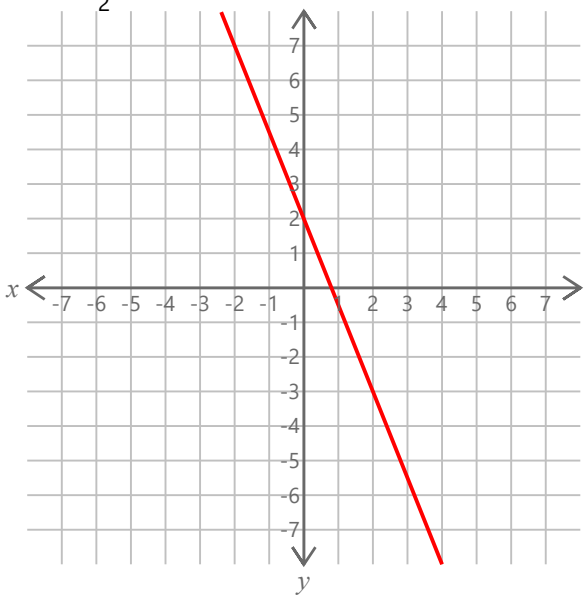
E = (1, 2) F = (0, 6)

Name:_____ Class:_____ Date:____/____/_____

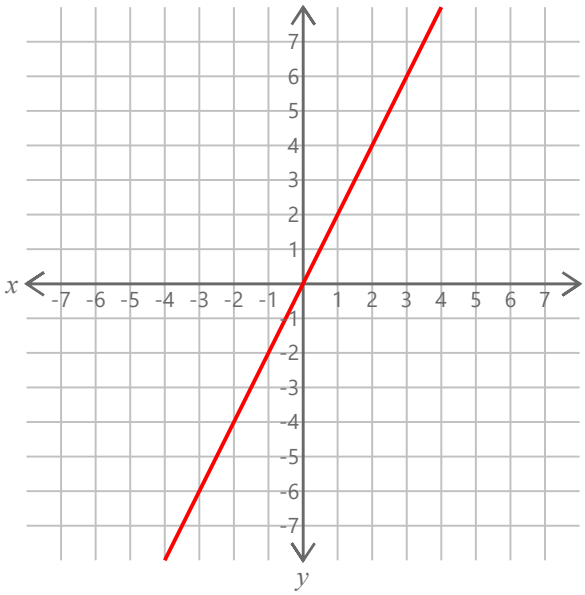
Slope-Intercept Form 1

Draw the graph of each line.

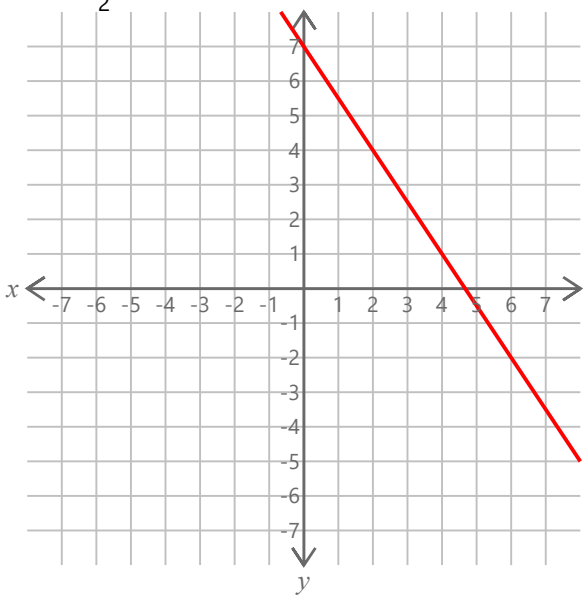
1) $y = \frac{-5}{2}x + 2$



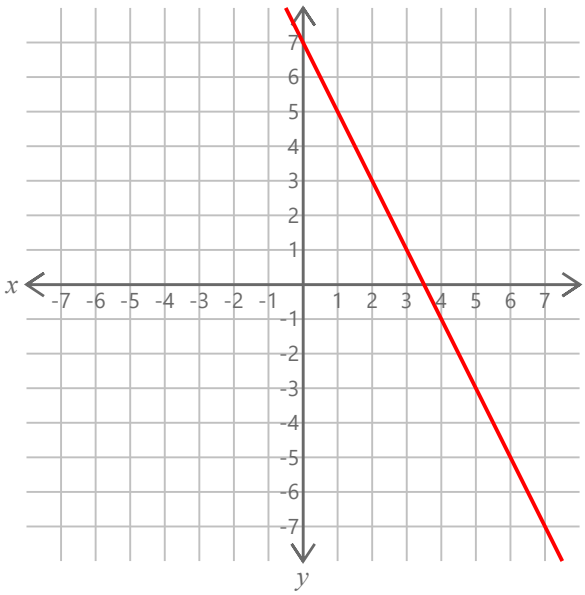
2) $y = 2x$



3) $y = \frac{-3}{2}x + 7$



4) $y = -2x + 7$

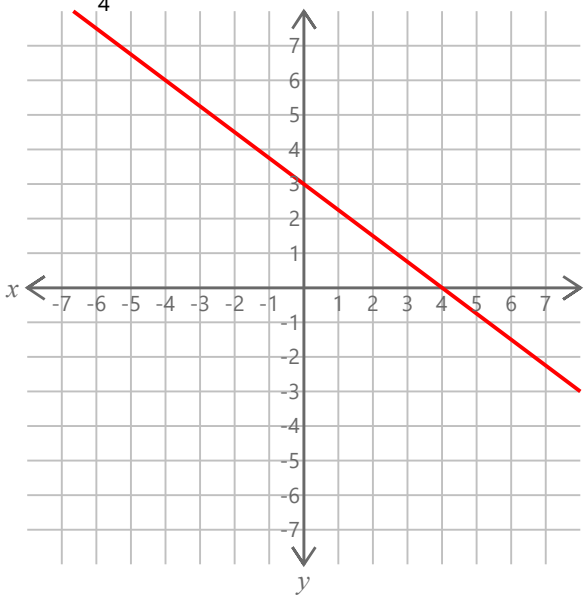


Name:_____ Class:_____ Date:____/____/_____

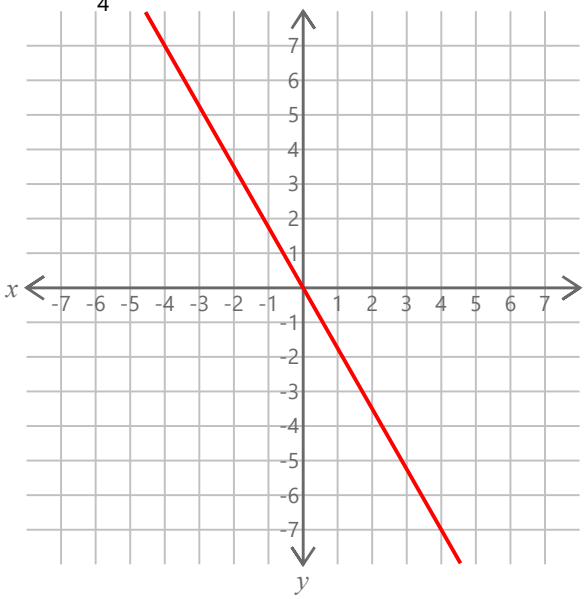
Slope-Intercept Form 2

Draw the graph of each line.

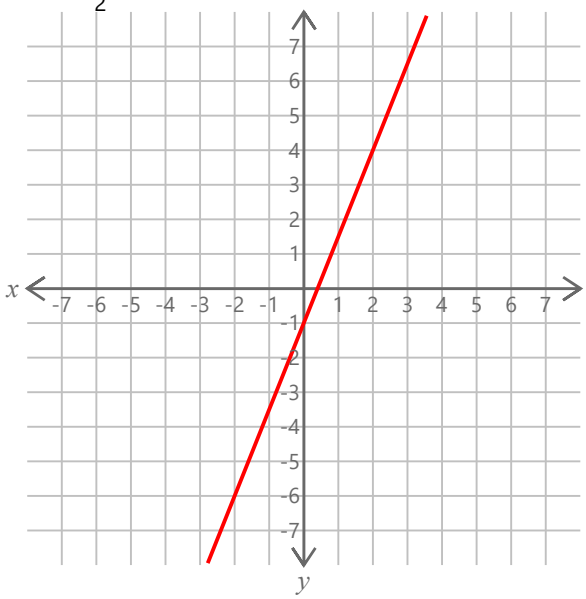
1) $y = \frac{-3}{4}x + 3$



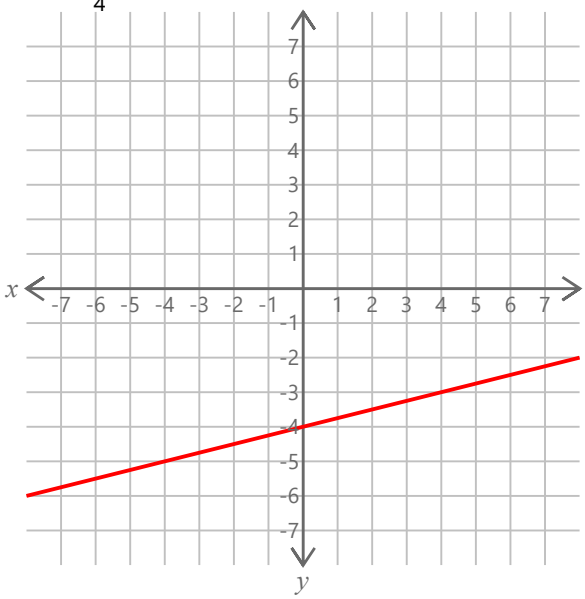
2) $y = \frac{-7}{4}x$



3) $y = \frac{5}{2}x - 1$



4) $y = \frac{1}{4}x - 4$

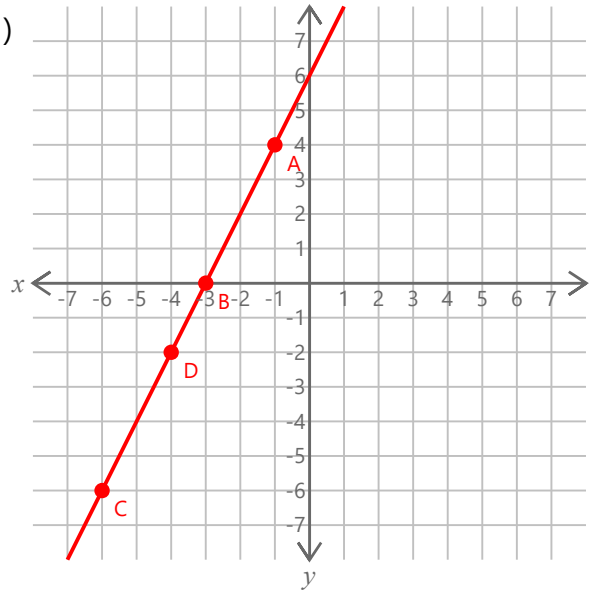


Name:_____ Class:_____ Date:____/____/_____

Plot Lines 1

Plot and draw the lines.

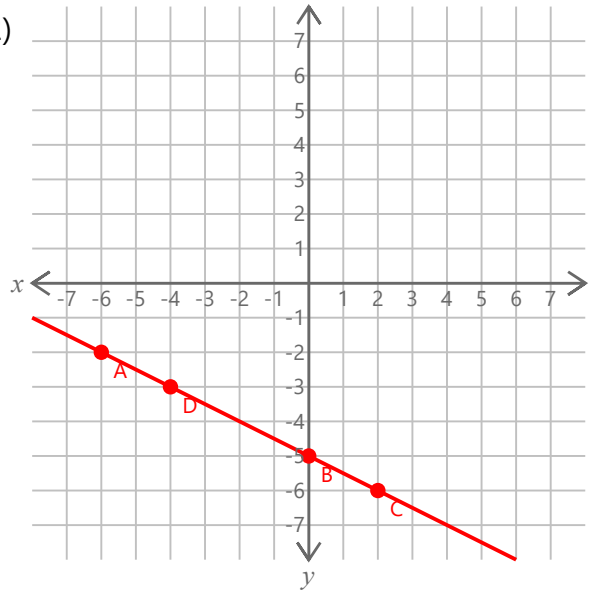
1)



A = (-1, 4) B = (-3, 0)

C = (-6, -6) D = (-4, -2)

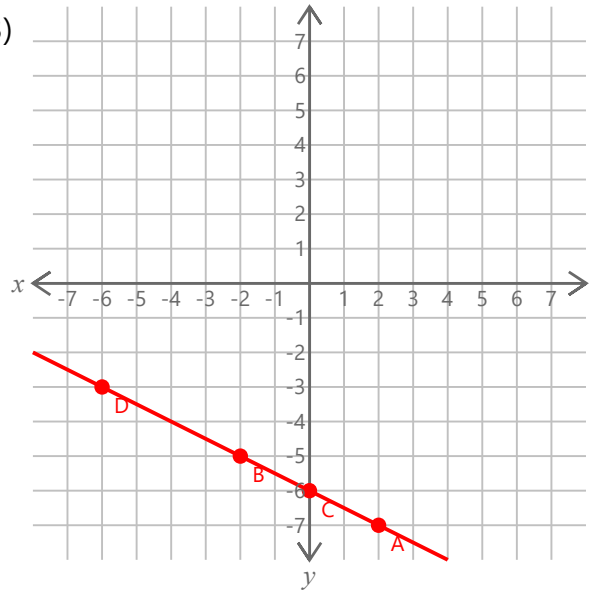
2)



A = (-6, -2) B = (0, -5)

C = (2, -6) D = (-4, -3)

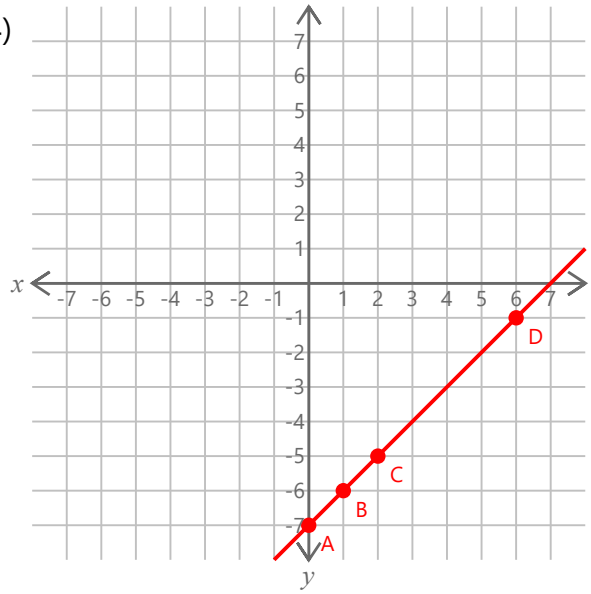
3)



A = (2, -7) B = (-2, -5)

C = (0, -6) D = (-6, -3)

4)



A = (0, -7) B = (1, -6)

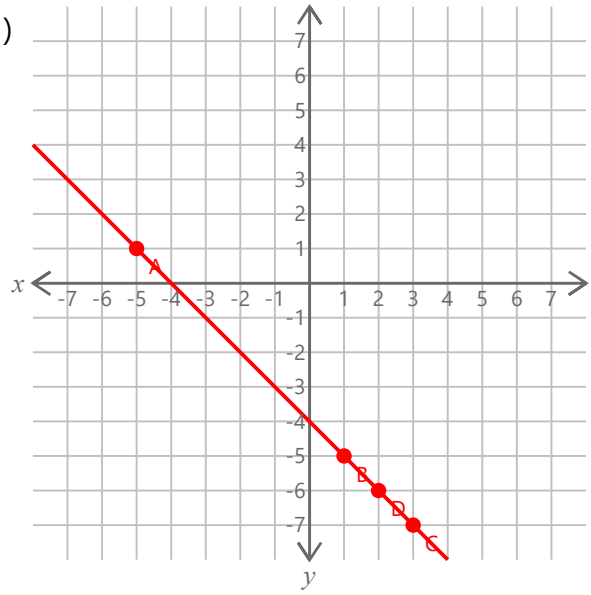
C = (2, -5) D = (6, -1)

Name:_____ Class:_____ Date:____/____/_____

Plot Lines 2

Plot and draw the lines.

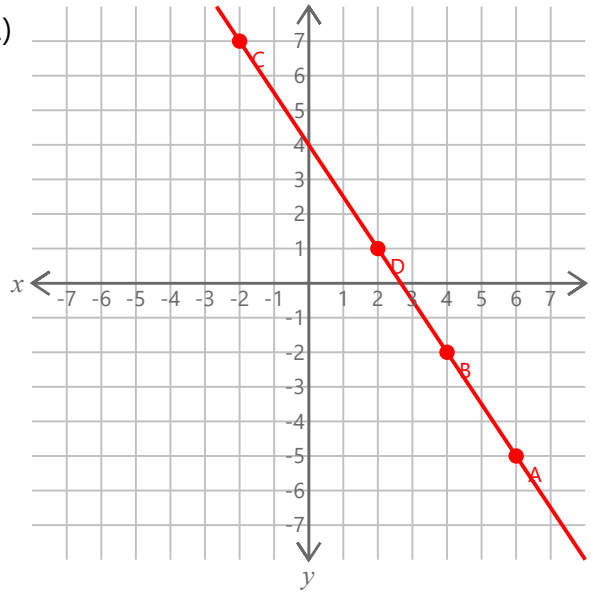
1)



A = (-5, 1) B = (1, -5)

C = (3, -7) D = (2, -6)

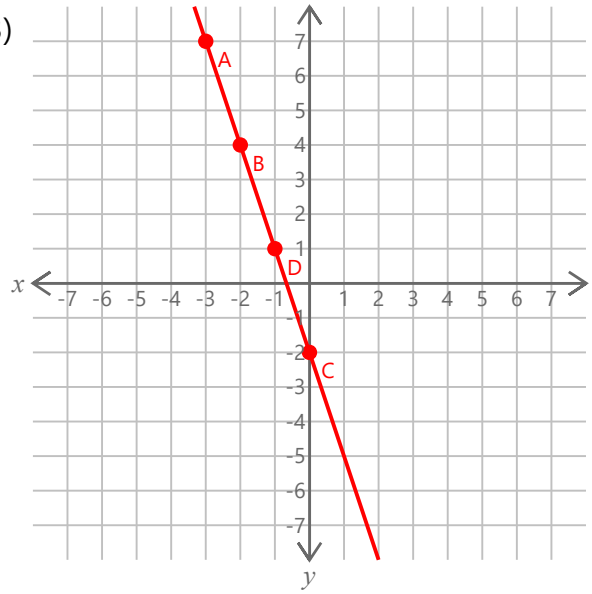
2)



A = (6, -5) B = (4, -2)

C = (-2, 7) D = (2, 1)

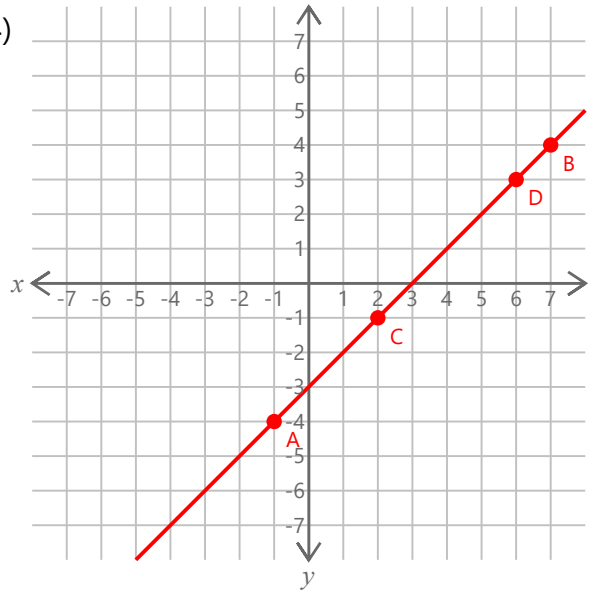
3)



A = (-3, 7) B = (-2, 4)

C = (0, -2) D = (-1, 1)

4)



A = (-1, -4) B = (7, 4)

C = (2, -1) D = (6, 3)

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Proper Fractions

Compare the fractions.

1) $\frac{1}{4}$ < $\frac{7}{9}$
2) $\frac{1}{8}$ < $\frac{7}{12}$
3) $\frac{1}{7}$ < $\frac{3}{6}$
4) $\frac{1}{3}$ > $\frac{1}{12}$
5) $\frac{1}{6}$ > $\frac{1}{8}$
6) $\frac{3}{4}$ > $\frac{1}{2}$

7) $\frac{3}{5}$ > $\frac{1}{10}$
8) $\frac{3}{11}$ < $\frac{2}{3}$
9) $\frac{7}{9}$ > $\frac{2}{7}$
10) $\frac{7}{9}$ > $\frac{3}{8}$
11) $\frac{1}{2}$ > $\frac{2}{5}$
12) $\frac{4}{6}$ > $\frac{1}{4}$

13) $\frac{3}{11}$ < $\frac{1}{3}$
14) $\frac{3}{7}$ < $\frac{7}{10}$
15) $\frac{7}{12}$ > $\frac{5}{10}$
16) $\frac{2}{3}$ = $\frac{4}{6}$
17) $\frac{1}{4}$ > $\frac{1}{8}$
18) $\frac{5}{11}$ > $\frac{5}{12}$

19) $\frac{6}{7}$ > $\frac{1}{2}$
20) $\frac{2}{9}$ < $\frac{2}{5}$
21) $\frac{2}{10}$ = $\frac{1}{5}$
22) $\frac{2}{7}$ < $\frac{3}{6}$
23) $\frac{4}{8}$ = $\frac{1}{2}$
24) $\frac{5}{11}$ < $\frac{8}{9}$

25) $\frac{1}{3}$ < $\frac{3}{4}$
26) $\frac{2}{12}$ < $\frac{3}{8}$
27) $\frac{5}{7}$ > $\frac{2}{3}$
28) $\frac{4}{11}$ < $\frac{1}{2}$
29) $\frac{1}{6}$ < $\frac{8}{9}$
30) $\frac{2}{4}$ = $\frac{6}{12}$

31) $\frac{2}{10}$ < $\frac{3}{5}$
32) $\frac{4}{9}$ < $\frac{3}{5}$
33) $\frac{2}{4}$ > $\frac{1}{7}$
34) $\frac{1}{3}$ < $\frac{4}{9}$
35) $\frac{6}{11}$ > $\frac{1}{2}$
36) $\frac{10}{12}$ > $\frac{5}{8}$

37) $\frac{1}{6}$ < $\frac{3}{10}$
38) $\frac{2}{8}$ < $\frac{3}{6}$
39) $\frac{2}{7}$ < $\frac{3}{10}$
40) $\frac{3}{5}$ > $\frac{1}{4}$
41) $\frac{1}{11}$ < $\frac{1}{2}$
42) $\frac{1}{3}$ < $\frac{6}{9}$

43) $\frac{4}{12}$ = $\frac{1}{3}$
44) $\frac{7}{9}$ > $\frac{3}{6}$
45) $\frac{9}{12}$ = $\frac{3}{4}$
46) $\frac{2}{5}$ < $\frac{9}{10}$
47) $\frac{8}{11}$ > $\frac{1}{2}$
48) $\frac{2}{7}$ < $\frac{5}{8}$

49) $\frac{10}{11}$ > $\frac{3}{8}$
50) $\frac{9}{10}$ > $\frac{1}{3}$
51) $\frac{2}{5}$ < $\frac{3}{6}$
52) $\frac{1}{9}$ < $\frac{1}{2}$
53) $\frac{4}{9}$ < $\frac{7}{8}$
54) $\frac{4}{12}$ > $\frac{1}{4}$

55) $\frac{2}{5}$ < $\frac{2}{3}$
56) $\frac{1}{7}$ < $\frac{7}{10}$
57) $\frac{2}{4}$ > $\frac{1}{3}$
58) $\frac{3}{11}$ < $\frac{5}{10}$
59) $\frac{5}{8}$ < $\frac{5}{6}$
60) $\frac{6}{12}$ < $\frac{4}{5}$

61) $\frac{1}{9}$ < $\frac{5}{10}$
62) $\frac{3}{4}$ = $\frac{6}{8}$
63) $\frac{3}{9}$ > $\frac{3}{11}$
64) $\frac{1}{5}$ > $\frac{1}{6}$
65) $\frac{1}{2}$ < $\frac{10}{12}$
66) $\frac{2}{3}$ < $\frac{5}{7}$

67) $\frac{1}{12}$ < $\frac{2}{4}$
68) $\frac{2}{9}$ < $\frac{4}{5}$
69) $\frac{1}{7}$ < $\frac{1}{2}$
70) $\frac{6}{11}$ < $\frac{5}{8}$
71) $\frac{3}{10}$ < $\frac{2}{3}$
72) $\frac{3}{6}$ < $\frac{11}{12}$

73) $\frac{2}{8}$ < $\frac{8}{9}$
74) $\frac{1}{11}$ < $\frac{1}{3}$
75) $\frac{2}{6}$ < $\frac{3}{7}$
76) $\frac{4}{5}$ > $\frac{2}{10}$
77) $\frac{1}{2}$ < $\frac{3}{4}$
78) $\frac{5}{12}$ < $\frac{8}{10}$

79) $\frac{1}{5}$ < $\frac{2}{3}$
80) $\frac{3}{6}$ = $\frac{1}{2}$
81) $\frac{10}{11}$ > $\frac{4}{9}$
82) $\frac{3}{4}$ > $\frac{2}{7}$
83) $\frac{1}{8}$ < $\frac{2}{4}$
84) $\frac{1}{3}$ < $\frac{8}{9}$

85) $\frac{1}{2}$ < $\frac{5}{7}$
86) $\frac{4}{5}$ < $\frac{9}{11}$
87) $\frac{3}{8}$ > $\frac{4}{12}$
88) $\frac{1}{6}$ < $\frac{5}{10}$
89) $\frac{1}{3}$ < $\frac{5}{6}$
90) $\frac{6}{12}$ > $\frac{5}{11}$

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Improper Fractions

Compare the fractions.

1) $\frac{4}{3}$ < $\frac{3}{2}$
2) $\frac{17}{6}$ > $\frac{32}{12}$
3) $\frac{6}{4}$ < $\frac{13}{8}$
4) $\frac{16}{9}$ > $\frac{19}{11}$
5) $\frac{20}{11}$ > $\frac{15}{9}$
6) $\frac{7}{3}$ < $\frac{16}{6}$

7) $\frac{7}{5}$ < $\frac{10}{4}$
8) $\frac{9}{7}$ < $\frac{5}{2}$
9) $\frac{9}{8}$ < $\frac{14}{10}$
10) $\frac{23}{12}$ < $\frac{23}{8}$
11) $\frac{11}{5}$ > $\frac{9}{7}$
12) $\frac{23}{9}$ > $\frac{16}{11}$

13) $\frac{34}{12}$ > $\frac{3}{2}$
14) $\frac{5}{3}$ > $\frac{7}{6}$
15) $\frac{15}{10}$ < $\frac{7}{4}$
16) $\frac{14}{6}$ > $\frac{12}{10}$
17) $\frac{24}{11}$ > $\frac{3}{2}$
18) $\frac{6}{4}$ > $\frac{11}{8}$

19) $\frac{6}{5}$ < $\frac{9}{7}$
20) $\frac{19}{12}$ < $\frac{21}{9}$
21) $\frac{5}{3}$ < $\frac{20}{7}$
22) $\frac{12}{5}$ > $\frac{14}{11}$
23) $\frac{3}{2}$ < $\frac{26}{9}$
24) $\frac{8}{3}$ > $\frac{11}{8}$

25) $\frac{27}{10}$ > $\frac{27}{12}$
26) $\frac{10}{6}$ < $\frac{10}{4}$
27) $\frac{3}{2}$ > $\frac{5}{4}$
28) $\frac{8}{5}$ = $\frac{16}{10}$
29) $\frac{12}{7}$ < $\frac{19}{8}$
30) $\frac{33}{12}$ > $\frac{21}{11}$

31) $\frac{5}{3}$ < $\frac{11}{6}$
32) $\frac{13}{9}$ < $\frac{8}{3}$
33) $\frac{10}{6}$ < $\frac{19}{8}$
34) $\frac{19}{9}$ < $\frac{14}{5}$
35) $\frac{21}{12}$ < $\frac{24}{10}$
36) $\frac{27}{11}$ > $\frac{9}{7}$

37) $\frac{5}{2}$ > $\frac{5}{4}$
38) $\frac{4}{3}$ < $\frac{15}{10}$
39) $\frac{9}{4}$ > $\frac{19}{9}$
40) $\frac{10}{8}$ < $\frac{11}{5}$
41) $\frac{29}{12}$ < $\frac{19}{7}$
42) $\frac{30}{11}$ > $\frac{7}{6}$

43) $\frac{5}{2}$ > $\frac{8}{6}$
44) $\frac{13}{6}$ < $\frac{11}{5}$
45) $\frac{22}{8}$ < $\frac{25}{9}$
46) $\frac{22}{10}$ > $\frac{18}{12}$
47) $\frac{3}{2}$ < $\frac{5}{3}$
48) $\frac{10}{7}$ < $\frac{29}{11}$

49) $\frac{5}{4}$ < $\frac{16}{6}$
50) $\frac{29}{10}$ > $\frac{28}{11}$
51) $\frac{15}{9}$ < $\frac{18}{7}$
52) $\frac{14}{12}$ < $\frac{5}{4}$
53) $\frac{8}{5}$ < $\frac{17}{8}$
54) $\frac{5}{2}$ < $\frac{8}{3}$

55) $\frac{4}{3}$ < $\frac{15}{7}$
56) $\frac{21}{9}$ < $\frac{16}{6}$
57) $\frac{23}{8}$ > $\frac{5}{2}$
58) $\frac{7}{5}$ < $\frac{7}{4}$
59) $\frac{14}{12}$ < $\frac{18}{10}$
60) $\frac{24}{11}$ > $\frac{5}{4}$

61) $\frac{10}{9}$ < $\frac{18}{11}$
62) $\frac{9}{8}$ < $\frac{7}{3}$
63) $\frac{27}{10}$ > $\frac{32}{12}$
64) $\frac{13}{5}$ > $\frac{16}{7}$
65) $\frac{3}{2}$ < $\frac{15}{6}$
66) $\frac{12}{10}$ < $\frac{21}{12}$

67) $\frac{4}{3}$ = $\frac{8}{6}$
68) $\frac{11}{4}$ > $\frac{12}{8}$
69) $\frac{12}{5}$ < $\frac{24}{9}$
70) $\frac{8}{7}$ < $\frac{28}{11}$
71) $\frac{3}{2}$ > $\frac{10}{9}$
72) $\frac{6}{4}$ = $\frac{3}{2}$

73) $\frac{30}{11}$ > $\frac{11}{6}$
74) $\frac{16}{7}$ > $\frac{27}{12}$
75) $\frac{17}{10}$ > $\frac{4}{3}$
76) $\frac{21}{8}$ > $\frac{9}{5}$
77) $\frac{15}{10}$ > $\frac{8}{6}$
78) $\frac{4}{3}$ < $\frac{5}{2}$

79) $\frac{30}{12}$ > $\frac{18}{8}$
80) $\frac{12}{9}$ < $\frac{20}{7}$
81) $\frac{8}{5}$ < $\frac{10}{4}$
82) $\frac{18}{11}$ < $\frac{20}{7}$
83) $\frac{22}{9}$ > $\frac{22}{10}$
84) $\frac{10}{4}$ > $\frac{3}{2}$

85) $\frac{7}{3}$ > $\frac{20}{11}$
86) $\frac{13}{12}$ < $\frac{6}{5}$
87) $\frac{15}{8}$ < $\frac{15}{6}$
88) $\frac{13}{9}$ < $\frac{18}{12}$
89) $\frac{8}{7}$ < $\frac{14}{6}$
90) $\frac{6}{4}$ = $\frac{12}{8}$

Name:_____ Class:_____ Date:____/____/_____

Comparing Fractions Equivalent Fractions

Compare the fractions.

1) $\frac{4}{20}$ < $\frac{5}{10}$
2) $\frac{12}{42}$ < $\frac{54}{60}$
3) $\frac{15}{18}$ > $\frac{4}{12}$
4) $\frac{10}{25}$ < $\frac{36}{60}$
5) $\frac{3}{12}$ < $\frac{12}{24}$
6) $\frac{24}{36}$ > $\frac{3}{33}$

7) $\frac{24}{27}$ > $\frac{6}{24}$
8) $\frac{4}{8}$ > $\frac{12}{42}$
9) $\frac{10}{15}$ > $\frac{5}{20}$
10) $\frac{9}{21}$ > $\frac{5}{30}$
11) $\frac{4}{20}$ < $\frac{6}{16}$
12) $\frac{30}{72}$ < $\frac{25}{50}$

13) $\frac{8}{36}$ < $\frac{3}{9}$
14) $\frac{3}{6}$ < $\frac{14}{22}$
15) $\frac{4}{12}$ < $\frac{48}{54}$
16) $\frac{5}{10}$ > $\frac{3}{36}$
17) $\frac{18}{21}$ > $\frac{28}{44}$
18) $\frac{12}{24}$ = $\frac{24}{48}$

19) $\frac{10}{50}$ > $\frac{3}{18}$
20) $\frac{6}{10}$ < $\frac{20}{24}$
21) $\frac{24}{32}$ < $\frac{18}{21}$
22) $\frac{4}{10}$ > $\frac{10}{55}$
23) $\frac{6}{54}$ < $\frac{12}{36}$
24) $\frac{4}{8}$ > $\frac{4}{12}$

25) $\frac{2}{4}$ > $\frac{2}{20}$
26) $\frac{2}{4}$ > $\frac{9}{30}$
27) $\frac{3}{21}$ < $\frac{30}{36}$
28) $\frac{3}{24}$ < $\frac{6}{9}$
29) $\frac{12}{24}$ > $\frac{9}{36}$
30) $\frac{24}{30}$ < $\frac{48}{54}$

31) $\frac{4}{22}$ < $\frac{8}{16}$
32) $\frac{20}{32}$ > $\frac{10}{20}$
33) $\frac{20}{30}$ < $\frac{24}{28}$
34) $\frac{6}{18}$ < $\frac{50}{60}$
35) $\frac{10}{45}$ < $\frac{4}{10}$
36) $\frac{3}{6}$ > $\frac{25}{55}$

37) $\frac{10}{22}$ > $\frac{10}{30}$
38) $\frac{54}{60}$ > $\frac{20}{32}$
39) $\frac{6}{36}$ < $\frac{2}{4}$
40) $\frac{25}{45}$ < $\frac{8}{12}$
41) $\frac{30}{42}$ > $\frac{8}{20}$
42) $\frac{4}{8}$ > $\frac{6}{24}$

43) $\frac{28}{32}$ > $\frac{2}{10}$
44) $\frac{24}{42}$ > $\frac{6}{12}$
45) $\frac{25}{45}$ > $\frac{4}{12}$
46) $\frac{18}{60}$ > $\frac{12}{72}$
47) $\frac{6}{33}$ < $\frac{12}{36}$
48) $\frac{5}{10}$ > $\frac{8}{28}$

49) $\frac{5}{15}$ < $\frac{8}{20}$
50) $\frac{10}{12}$ > $\frac{6}{24}$
51) $\frac{9}{15}$ > $\frac{28}{48}$
52) $\frac{32}{44}$ > $\frac{3}{27}$
53) $\frac{12}{24}$ < $\frac{25}{35}$
54) $\frac{14}{24}$ > $\frac{6}{12}$

55) $\frac{24}{32}$ > $\frac{6}{20}$
56) $\frac{8}{12}$ < $\frac{9}{12}$
57) $\frac{12}{44}$ > $\frac{5}{45}$
58) $\frac{12}{24}$ < $\frac{16}{20}$
59) $\frac{24}{42}$ < $\frac{24}{30}$
60) $\frac{5}{10}$ > $\frac{5}{20}$

61) $\frac{2}{6}$ < $\frac{18}{48}$
62) $\frac{32}{36}$ < $\frac{20}{22}$
63) $\frac{16}{24}$ > $\frac{16}{40}$
64) $\frac{18}{24}$ > $\frac{18}{33}$
65) $\frac{6}{15}$ > $\frac{6}{18}$
66) $\frac{12}{27}$ < $\frac{12}{18}$

67) $\frac{21}{24}$ > $\frac{10}{50}$
68) $\frac{4}{14}$ < $\frac{2}{4}$
69) $\frac{8}{16}$ < $\frac{50}{60}$
70) $\frac{6}{48}$ < $\frac{24}{66}$
71) $\frac{6}{10}$ > $\frac{2}{12}$
72) $\frac{3}{9}$ < $\frac{16}{28}$

73) $\frac{15}{40}$ < $\frac{24}{54}$
74) $\frac{25}{50}$ > $\frac{8}{24}$
75) $\frac{8}{16}$ = $\frac{5}{10}$
76) $\frac{12}{36}$ < $\frac{24}{32}$
77) $\frac{6}{9}$ > $\frac{6}{18}$
78) $\frac{6}{24}$ < $\frac{4}{8}$

79) $\frac{24}{27}$ > $\frac{15}{21}$
80) $\frac{10}{55}$ < $\frac{15}{25}$
81) $\frac{30}{50}$ > $\frac{12}{24}$
82) $\frac{25}{35}$ > $\frac{12}{20}$
83) $\frac{18}{54}$ < $\frac{5}{10}$
84) $\frac{35}{40}$ > $\frac{21}{36}$

85) $\frac{5}{15}$ > $\frac{18}{66}$
86) $\frac{4}{16}$ < $\frac{9}{30}$
87) $\frac{36}{72}$ > $\frac{2}{20}$
88) $\frac{60}{66}$ > $\frac{30}{40}$
89) $\frac{6}{9}$ > $\frac{5}{35}$
90) $\frac{12}{15}$ > $\frac{8}{12}$

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Comparing Fractions Mixed Numerals

Compare the fractions.

1) $4\frac{3}{11}$ < $6\frac{8}{10}$
2) $7\frac{1}{5}$ < $8\frac{2}{3}$
3) $6\frac{1}{2}$ > $3\frac{2}{7}$
4) $2\frac{1}{8}$ < $8\frac{1}{9}$
5) $1\frac{4}{6}$ < $7\frac{7}{10}$
6) $8\frac{4}{5}$ > $2\frac{2}{3}$
7) $6\frac{3}{7}$ > $5\frac{1}{2}$
8) $9\frac{6}{8}$ > $9\frac{7}{11}$
9) $9\frac{2}{12}$ > $6\frac{2}{4}$
10) $1\frac{1}{9}$ < $5\frac{2}{6}$
11) $4\frac{6}{7}$ > $2\frac{2}{3}$
12) $9\frac{1}{5}$ > $7\frac{2}{10}$
13) $7\frac{3}{4}$ < $9\frac{7}{12}$
14) $4\frac{2}{6}$ < $4\frac{1}{2}$
15) $7\frac{6}{8}$ > $5\frac{2}{9}$
16) $4\frac{7}{11}$ > $1\frac{2}{11}$
17) $3\frac{6}{7}$ > $1\frac{2}{12}$
18) $5\frac{7}{10}$ < $6\frac{2}{3}$
19) $3\frac{3}{5}$ < $4\frac{6}{8}$
20) $4\frac{1}{2}$ < $5\frac{1}{6}$
21) $4\frac{4}{9}$ > $1\frac{3}{4}$
22) $7\frac{5}{12}$ < $7\frac{2}{4}$
23) $2\frac{5}{7}$ < $3\frac{3}{5}$
24) $9\frac{1}{2}$ > $5\frac{7}{9}$
25) $6\frac{3}{11}$ < $7\frac{2}{8}$
26) $2\frac{8}{10}$ > $2\frac{1}{6}$
27) $9\frac{2}{3}$ > $1\frac{1}{4}$
28) $8\frac{4}{7}$ > $5\frac{3}{11}$
29) $6\frac{5}{8}$ > $3\frac{1}{9}$
30) $1\frac{1}{2}$ < $2\frac{2}{3}$
31) $4\frac{3}{5}$ < $6\frac{3}{6}$
32) $6\frac{10}{12}$ < $7\frac{7}{10}$
33) $3\frac{4}{9}$ < $5\frac{1}{6}$
34) $4\frac{1}{8}$ > $3\frac{3}{5}$
35) $6\frac{1}{3}$ > $4\frac{1}{2}$
36) $5\frac{5}{10}$ < $8\frac{2}{7}$
37) $2\frac{3}{4}$ > $2\frac{7}{11}$
38) $5\frac{10}{12}$ > $2\frac{6}{7}$
39) $1\frac{5}{6}$ < $5\frac{1}{11}$
40) $4\frac{2}{3}$ > $3\frac{3}{7}$
41) $5\frac{2}{9}$ > $3\frac{3}{5}$
42) $8\frac{7}{10}$ > $3\frac{5}{12}$
43) $8\frac{1}{4}$ > $1\frac{1}{2}$
44) $4\frac{6}{8}$ > $3\frac{7}{10}$
45) $6\frac{1}{6}$ < $6\frac{9}{12}$
46) $5\frac{8}{9}$ < $9\frac{2}{3}$
47) $9\frac{5}{11}$ > $1\frac{4}{7}$
48) $2\frac{2}{5}$ < $9\frac{1}{2}$
49) $9\frac{1}{4}$ = $9\frac{2}{8}$
50) $9\frac{7}{9}$ > $1\frac{1}{5}$
51) $4\frac{1}{2}$ > $1\frac{2}{11}$
52) $8\frac{4}{8}$ > $6\frac{1}{3}$
53) $7\frac{5}{12}$ > $2\frac{3}{10}$
54) $7\frac{4}{7}$ > $7\frac{2}{4}$
55) $7\frac{3}{6}$ = $7\frac{1}{2}$
56) $4\frac{1}{5}$ < $8\frac{7}{8}$
57) $9\frac{2}{7}$ > $8\frac{9}{12}$
58) $7\frac{1}{4}$ > $2\frac{1}{3}$
59) $7\frac{3}{6}$ > $6\frac{8}{10}$
60) $8\frac{3}{9}$ > $6\frac{4}{11}$
61) $1\frac{3}{6}$ < $6\frac{2}{3}$
62) $4\frac{6}{7}$ < $5\frac{3}{9}$
63) $5\frac{5}{8}$ > $1\frac{2}{5}$
64) $3\frac{3}{12}$ < $5\frac{8}{10}$
65) $4\frac{2}{4}$ < $5\frac{1}{2}$
66) $5\frac{1}{11}$ < $7\frac{3}{7}$
67) $2\frac{1}{2}$ < $8\frac{6}{11}$
68) $7\frac{4}{5}$ > $7\frac{4}{10}$
69) $2\frac{5}{12}$ < $3\frac{2}{8}$
70) $4\frac{6}{9}$ < $8\frac{5}{6}$
71) $3\frac{2}{3}$ < $7\frac{1}{4}$
72) $4\frac{2}{6}$ > $3\frac{6}{7}$
73) $3\frac{9}{10}$ < $9\frac{1}{4}$
74) $8\frac{1}{11}$ > $1\frac{6}{12}$
75) $9\frac{3}{5}$ > $8\frac{2}{8}$
76) $5\frac{7}{9}$ < $8\frac{2}{3}$
77) $7\frac{1}{2}$ < $9\frac{1}{2}$
78) $5\frac{2}{12}$ < $9\frac{8}{11}$
79) $9\frac{3}{6}$ > $8\frac{2}{3}$
80) $7\frac{3}{8}$ < $9\frac{3}{7}$

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Division with Whole Numbers

Divide.

1) $7 \div \frac{8}{11} = 9\frac{5}{8}$
2) $8 \div \frac{1}{2} = 16$
3) $1 \div \frac{7}{8} = 1\frac{1}{7}$
4) $5 \div \frac{9}{10} = 5\frac{5}{9}$
5) $2 \div \frac{3}{7} = 4\frac{2}{3}$
6) $2 \div \frac{6}{9} = 3$
7) $1 \div \frac{2}{3} = 1\frac{1}{2}$
8) $7 \div \frac{1}{2} = 14$
9) $4 \div \frac{4}{12} = 12$
10) $2 \div \frac{9}{10} = 2\frac{2}{9}$
11) $4 \div \frac{1}{6} = 24$
12) $8 \div \frac{1}{8} = 64$
13) $8 \div \frac{1}{7} = 56$
14) $7 \div \frac{5}{11} = 15\frac{2}{5}$
15) $5 \div \frac{1}{4} = 20$
16) $2 \div \frac{3}{5} = 3\frac{1}{3}$
17) $3 \div \frac{4}{8} = 6$
18) $4 \div \frac{3}{10} = 13\frac{1}{3}$
19) $9 \div \frac{1}{2} = 18$
20) $1 \div \frac{2}{4} = 2$
21) $8 \div \frac{4}{11} = 22$
22) $9 \div \frac{6}{7} = 10\frac{1}{2}$
23) $3 \div \frac{3}{6} = 6$
24) $9 \div \frac{2}{5} = 22\frac{1}{2}$
25) $4 \div \frac{1}{3} = 12$
26) $7 \div \frac{7}{9} = 9$
27) $7 \div \frac{2}{12} = 42$
28) $6 \div \frac{3}{6} = 12$
29) $8 \div \frac{7}{9} = 10\frac{2}{7}$
30) $2 \div \frac{1}{10} = 20$
31) $2 \div \frac{1}{2} = 4$
32) $2 \div \frac{7}{12} = 3\frac{3}{7}$
33) $4 \div \frac{2}{4} = 8$
34) $4 \div \frac{2}{5} = 10$
35) $8 \div \frac{6}{8} = 10\frac{2}{3}$
36) $3 \div \frac{4}{7} = 5\frac{1}{4}$
37) $1 \div \frac{1}{11} = 11$
38) $2 \div \frac{10}{12} = 2\frac{2}{5}$
39) $7 \div \frac{1}{4} = 28$
40) $1 \div \frac{4}{9} = 2\frac{1}{4}$
41) $1 \div \frac{3}{8} = 2\frac{2}{3}$
42) $3 \div \frac{4}{11} = 8\frac{1}{4}$
43) $8 \div \frac{1}{5} = 40$
44) $9 \div \frac{2}{3} = 13\frac{1}{2}$
45) $4 \div \frac{2}{10} = 20$
46) $4 \div \frac{1}{2} = 8$
47) $4 \div \frac{6}{7} = 4\frac{2}{3}$
48) $9 \div \frac{5}{6} = 10\frac{4}{5}$
49) $7 \div \frac{4}{6} = 10\frac{1}{2}$
50) $2 \div \frac{2}{4} = 4$
51) $8 \div \frac{4}{5} = 10$
52) $3 \div \frac{2}{3} = 4\frac{1}{2}$
53) $6 \div \frac{1}{2} = 12$
54) $1 \div \frac{5}{11} = 2\frac{1}{5}$
55) $4 \div \frac{7}{8} = 4\frac{4}{7}$
56) $1 \div \frac{9}{10} = 1\frac{1}{9}$
57) $9 \div \frac{5}{7} = 12\frac{3}{5}$
58) $9 \div \frac{1}{9} = 81$
59) $8 \div \frac{10}{12} = 9\frac{3}{5}$
60) $7 \div \frac{2}{5} = 17\frac{1}{2}$

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Division with Whole Numbers

Divide.

1) $\frac{4}{5} \div 6 = \frac{2}{15}$
2) $\frac{6}{9} \div 3 = \frac{2}{9}$
3) $\frac{3}{6} \div 7 = \frac{1}{14}$
4) $\frac{4}{12} \div 6 = \frac{1}{18}$
5) $\frac{6}{8} \div 1 = \frac{3}{4}$
6) $\frac{2}{3} \div 9 = \frac{2}{27}$
7) $\frac{3}{10} \div 4 = \frac{3}{40}$
8) $\frac{1}{4} \div 5 = \frac{1}{20}$
9) $\frac{6}{11} \div 4 = \frac{3}{22}$
10) $\frac{5}{7} \div 3 = \frac{5}{21}$
11) $\frac{1}{2} \div 4 = \frac{1}{8}$
12) $\frac{5}{11} \div 8 = \frac{5}{88}$
13) $\frac{3}{10} \div 8 = \frac{3}{80}$
14) $\frac{1}{2} \div 7 = \frac{1}{14}$
15) $\frac{3}{8} \div 9 = \frac{1}{24}$
16) $\frac{4}{5} \div 3 = \frac{4}{15}$
17) $\frac{1}{7} \div 5 = \frac{1}{35}$
18) $\frac{7}{12} \div 1 = \frac{7}{12}$
19) $\frac{3}{6} \div 1 = \frac{1}{2}$
20) $\frac{3}{9} \div 2 = \frac{1}{6}$
21) $\frac{1}{3} \div 5 = \frac{1}{15}$
22) $\frac{1}{4} \div 4 = \frac{1}{16}$
23) $\frac{2}{10} \div 7 = \frac{1}{35}$
24) $\frac{4}{9} \div 2 = \frac{2}{9}$
25) $\frac{1}{2} \div 5 = \frac{1}{10}$
26) $\frac{1}{4} \div 1 = \frac{1}{4}$
27) $\frac{6}{7} \div 6 = \frac{1}{7}$
28) $\frac{4}{5} \div 8 = \frac{1}{10}$
29) $\frac{2}{3} \div 9 = \frac{2}{27}$
30) $\frac{4}{11} \div 7 = \frac{4}{77}$
31) $\frac{2}{12} \div 8 = \frac{1}{48}$
32) $\frac{4}{6} \div 4 = \frac{1}{6}$
33) $\frac{1}{8} \div 5 = \frac{1}{40}$
34) $\frac{2}{5} \div 4 = \frac{1}{10}$
35) $\frac{1}{2} \div 3 = \frac{1}{6}$
36) $\frac{3}{4} \div 2 = \frac{3}{8}$
37) $\frac{9}{10} \div 4 = \frac{9}{40}$
38) $\frac{1}{12} \div 2 = \frac{1}{24}$
39) $\frac{4}{8} \div 4 = \frac{1}{8}$
40) $\frac{2}{3} \div 7 = \frac{2}{21}$
41) $\frac{2}{7} \div 2 = \frac{1}{7}$
42) $\frac{8}{9} \div 1 = \frac{8}{9}$
43) $\frac{1}{6} \div 3 = \frac{1}{18}$
44) $\frac{6}{11} \div 2 = \frac{3}{11}$
45) $\frac{1}{5} \div 3 = \frac{1}{15}$
46) $\frac{3}{9} \div 6 = \frac{1}{18}$
47) $\frac{8}{11} \div 7 = \frac{8}{77}$
48) $\frac{1}{3} \div 5 = \frac{1}{15}$
49) $\frac{3}{4} \div 1 = \frac{3}{4}$
50) $\frac{1}{2} \div 8 = \frac{1}{16}$
51) $\frac{8}{10} \div 7 = \frac{4}{35}$
52) $\frac{5}{7} \div 2 = \frac{5}{14}$
53) $\frac{1}{12} \div 8 = \frac{1}{96}$
54) $\frac{4}{6} \div 7 = \frac{2}{21}$
55) $\frac{6}{8} \div 8 = \frac{3}{32}$
56) $\frac{2}{4} \div 4 = \frac{1}{8}$
57) $\frac{1}{12} \div 2 = \frac{1}{24}$
58) $\frac{5}{9} \div 3 = \frac{5}{27}$
59) $\frac{5}{11} \div 1 = \frac{5}{11}$
60) $\frac{2}{6} \div 4 = \frac{1}{12}$
61) $\frac{7}{8} \div 9 = \frac{7}{72}$
62) $\frac{4}{5} \div 1 = \frac{4}{5}$
63) $\frac{2}{3} \div 2 = \frac{1}{3}$
64) $\frac{1}{2} \div 3 = \frac{1}{6}$
65) $\frac{5}{7} \div 5 = \frac{1}{7}$
66) $\frac{7}{10} \div 1 = \frac{7}{10}$
67) $\frac{2}{11} \div 7 = \frac{2}{77}$
68) $\frac{2}{6} \div 9 = \frac{1}{27}$
69) $\frac{4}{12} \div 2 = \frac{1}{6}$
70) $\frac{1}{5} \div 1 = \frac{1}{5}$
71) $\frac{4}{7} \div 4 = \frac{1}{7}$
72) $\frac{3}{8} \div 7 = \frac{3}{56}$
73) $\frac{1}{3} \div 8 = \frac{1}{24}$
74) $\frac{2}{4} \div 2 = \frac{1}{4}$
75) $\frac{8}{9} \div 6 = \frac{4}{27}$

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Division with Whole Numbers

Divide.

1) $5 \div \frac{1}{4} = 20$
2) $5 \div \frac{5}{12} = 12$
3) $1 \div \frac{1}{2} = 2$
4) $\frac{10}{11} \div 6 = \frac{5}{33}$
5) $\frac{1}{5} \div 9 = \frac{1}{45}$
6) $\frac{2}{3} \div 6 = \frac{1}{9}$
7) $7 \div \frac{1}{6} = 42$
8) $\frac{5}{12} \div 1 = \frac{5}{12}$
9) $8 \div \frac{3}{8} = 21\frac{1}{3}$
10) $2 \div \frac{2}{10} = 10$
11) $2 \div \frac{8}{9} = 2\frac{1}{4}$
12) $\frac{6}{7} \div 2 = \frac{3}{7}$
13) $4 \div \frac{6}{11} = 7\frac{1}{3}$
14) $2 \div \frac{1}{2} = 4$
15) $\frac{2}{4} \div 9 = \frac{1}{18}$
16) $9 \div \frac{1}{5} = 45$
17) $7 \div \frac{5}{10} = 14$
18) $6 \div \frac{7}{9} = 7\frac{5}{7}$
19) $\frac{3}{6} \div 4 = \frac{1}{8}$
20) $\frac{6}{8} \div 1 = \frac{3}{4}$
21) $4 \div \frac{1}{2} = 8$
22) $7 \div \frac{2}{3} = 10\frac{1}{2}$
23) $\frac{8}{11} \div 5 = \frac{8}{55}$
24) $3 \div \frac{2}{7} = 10\frac{1}{2}$
25) $1 \div \frac{6}{12} = 2$
26) $9 \div \frac{1}{4} = 36$
27) $\frac{7}{9} \div 9 = \frac{7}{81}$
28) $1 \div \frac{6}{11} = 1\frac{5}{6}$
29) $\frac{6}{12} \div 9 = \frac{1}{18}$
30) $7 \div \frac{6}{8} = 9\frac{1}{3}$
31) $5 \div \frac{2}{5} = 12\frac{1}{2}$
32) $\frac{2}{3} \div 2 = \frac{1}{3}$
33) $6 \div \frac{3}{10} = 20$
34) $7 \div \frac{3}{6} = 14$
35) $2 \div \frac{2}{4} = 4$
36) $5 \div \frac{3}{7} = 11\frac{2}{3}$
37) $\frac{4}{10} \div 9 = \frac{2}{45}$
38) $5 \div \frac{2}{3} = 7\frac{1}{2}$
39) $7 \div \frac{8}{11} = 9\frac{5}{8}$
40) $\frac{6}{9} \div 9 = \frac{2}{27}$
41) $\frac{7}{8} \div 2 = \frac{7}{16}$
42) $\frac{2}{6} \div 3 = \frac{1}{9}$
43) $\frac{1}{2} \div 8 = \frac{1}{16}$
44) $8 \div \frac{1}{4} = 32$
45) $4 \div \frac{9}{12} = 5\frac{1}{3}$
46) $\frac{2}{7} \div 9 = \frac{2}{63}$
47) $9 \div \frac{4}{7} = 15\frac{3}{4}$
48) $9 \div \frac{2}{8} = 36$
49) $7 \div \frac{1}{4} = 28$
50) $\frac{7}{11} \div 9 = \frac{7}{99}$
51) $\frac{7}{9} \div 4 = \frac{7}{36}$
52) $\frac{11}{12} \div 5 = \frac{11}{60}$
53) $\frac{1}{5} \div 6 = \frac{1}{30}$
54) $\frac{1}{3} \div 5 = \frac{1}{15}$
55) $\frac{8}{10} \div 2 = \frac{2}{5}$
56) $6 \div \frac{1}{4} = 24$
57) $6 \div \frac{2}{7} = 21$
58) $\frac{3}{6} \div 3 = \frac{1}{6}$
59) $3 \div \frac{1}{2} = 6$
60) $\frac{5}{10} \div 6 = \frac{1}{12}$
61) $4 \div \frac{4}{5} = 5$
62) $\frac{3}{9} \div 2 = \frac{1}{6}$
63) $\frac{2}{11} \div 2 = \frac{1}{11}$
64) $6 \div \frac{6}{12} = 12$

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Equivalent Fractions 1

Complete the equivalent fractions.

1) $\frac{4}{10} = \frac{16}{40}$ 2) $\frac{2}{9} = \frac{8}{36}$ 3) $\frac{2}{7} = \frac{8}{28}$ 4) $\frac{2}{3} = \frac{8}{12}$ 5) $\frac{3}{5} = \frac{6}{10}$ 6) $\frac{2}{12} = \frac{6}{36}$

7) $\frac{1}{2} = \frac{7}{14}$ 8) $\frac{5}{11} = \frac{15}{33}$ 9) $\frac{7}{8} = \frac{21}{24}$ 10) $\frac{1}{3} = \frac{9}{27}$ 11) $\frac{1}{4} = \frac{4}{16}$ 12) $\frac{1}{2} = \frac{10}{20}$

13) $\frac{4}{10} = \frac{20}{50}$ 14) $\frac{3}{7} = \frac{27}{63}$ 15) $\frac{6}{12} = \frac{42}{84}$ 16) $\frac{1}{5} = \frac{3}{15}$ 17) $\frac{2}{11} = \frac{4}{22}$ 18) $\frac{1}{6} = \frac{8}{48}$

19) $\frac{6}{8} = \frac{18}{24}$ 20) $\frac{2}{9} = \frac{18}{81}$ 21) $\frac{5}{6} = \frac{30}{36}$ 22) $\frac{1}{5} = \frac{7}{35}$ 23) $\frac{5}{10} = \frac{20}{40}$ 24) $\frac{8}{9} = \frac{72}{81}$

25) $\frac{2}{3} = \frac{10}{15}$ 26) $\frac{9}{11} = \frac{18}{22}$ 27) $\frac{6}{8} = \frac{24}{32}$ 28) $\frac{1}{2} = \frac{2}{4}$ 29) $\frac{6}{7} = \frac{42}{49}$ 30) $\frac{8}{12} = \frac{56}{84}$

31) $\frac{3}{4} = \frac{18}{24}$ 32) $\frac{3}{10} = \frac{12}{40}$ 33) $\frac{3}{4} = \frac{24}{32}$ 34) $\frac{1}{3} = \frac{2}{6}$ 35) $\frac{3}{8} = \frac{9}{24}$ 36) $\frac{4}{5} = \frac{28}{35}$

37) $\frac{1}{2} = \frac{6}{12}$ 38) $\frac{5}{6} = \frac{45}{54}$ 39) $\frac{5}{12} = \frac{40}{96}$ 40) $\frac{6}{11} = \frac{24}{44}$ 41) $\frac{2}{9} = \frac{16}{72}$ 42) $\frac{1}{7} = \frac{9}{63}$

43) $\frac{1}{6} = \frac{2}{12}$ 44) $\frac{2}{10} = \frac{6}{30}$ 45) $\frac{1}{4} = \frac{8}{32}$ 46) $\frac{2}{3} = \frac{12}{18}$ 47) $\frac{5}{7} = \frac{40}{56}$ 48) $\frac{7}{8} = \frac{49}{56}$

49) $\frac{8}{9} = \frac{32}{36}$ 50) $\frac{7}{11} = \frac{35}{55}$ 51) $\frac{4}{7} = \frac{36}{63}$ 52) $\frac{10}{11} = \frac{30}{33}$ 53) $\frac{8}{12} = \frac{80}{120}$ 54) $\frac{3}{9} = \frac{15}{45}$

55) $\frac{6}{8} = \frac{60}{80}$ 56) $\frac{2}{5} = \frac{20}{50}$ 57) $\frac{1}{10} = \frac{7}{70}$ 58) $\frac{3}{6} = \frac{21}{42}$ 59) $\frac{1}{3} = \frac{7}{21}$ 60) $\frac{4}{6} = \frac{20}{30}$

61) $\frac{5}{7} = \frac{10}{14}$ 62) $\frac{4}{5} = \frac{16}{20}$ 63) $\frac{6}{9} = \frac{12}{18}$ 64) $\frac{3}{12} = \frac{9}{36}$ 65) $\frac{3}{4} = \frac{30}{40}$ 66) $\frac{1}{3} = \frac{10}{30}$

67) $\frac{1}{3} = \frac{3}{9}$ 68) $\frac{3}{5} = \frac{30}{50}$ 69) $\frac{1}{9} = \frac{5}{45}$ 70) $\frac{5}{7} = \frac{35}{49}$ 71) $\frac{9}{10} = \frac{45}{50}$ 72) $\frac{4}{11} = \frac{24}{66}$

73) $\frac{4}{6} = \frac{16}{24}$ 74) $\frac{1}{12} = \frac{3}{36}$ 75) $\frac{2}{9} = \frac{10}{45}$ 76) $\frac{2}{6} = \frac{20}{60}$ 77) $\frac{5}{10} = \frac{50}{100}$ 78) $\frac{2}{7} = \frac{12}{42}$

79) $\frac{2}{8} = \frac{14}{56}$ 80) $\frac{9}{12} = \frac{90}{120}$ 81) $\frac{1}{2} = \frac{8}{16}$ 82) $\frac{1}{3} = \frac{4}{12}$ 83) $\frac{2}{11} = \frac{6}{33}$ 84) $\frac{6}{9} = \frac{24}{36}$

85) $\frac{3}{4} = \frac{15}{20}$ 86) $\frac{6}{12} = \frac{48}{96}$ 87) $\frac{2}{6} = \frac{16}{48}$ 88) $\frac{4}{5} = \frac{40}{50}$ 89) $\frac{8}{10} = \frac{48}{60}$ 90) $\frac{10}{11} = \frac{50}{55}$

91) $\frac{3}{4} = \frac{6}{8}$ 92) $\frac{5}{7} = \frac{50}{70}$ 93) $\frac{5}{8} = \frac{40}{64}$ 94) $\frac{2}{6} = \frac{12}{36}$ 95) $\frac{2}{5} = \frac{16}{40}$ 96) $\frac{5}{12} = \frac{20}{48}$

Name:_____ Class:_____ Date:____/____/_____

Equivalent Fractions 2

Complete the equivalent fractions.

1) $\frac{1}{2} = \frac{6}{12}$ 2) $\frac{3}{12} = \frac{24}{96}$ 3) $\frac{2}{3} = \frac{6}{9}$ 4) $\frac{1}{5} = \frac{3}{15}$ 5) $\frac{1}{11} = \frac{8}{88}$ 6) $\frac{1}{4} = \frac{5}{20}$

7) $\frac{5}{7} = \frac{50}{70}$ 8) $\frac{1}{8} = \frac{7}{56}$ 9) $\frac{6}{10} = \frac{42}{70}$ 10) $\frac{1}{6} = \frac{9}{54}$ 11) $\frac{6}{9} = \frac{12}{18}$ 12) $\frac{3}{8} = \frac{21}{56}$

13) $\frac{4}{7} = \frac{24}{42}$ 14) $\frac{3}{4} = \frac{9}{12}$ 15) $\frac{5}{12} = \frac{30}{72}$ 16) $\frac{4}{6} = \frac{12}{18}$ 17) $\frac{2}{5} = \frac{18}{45}$ 18) $\frac{6}{10} = \frac{24}{40}$

19) $\frac{2}{3} = \frac{8}{12}$ 20) $\frac{6}{9} = \frac{42}{63}$ 21) $\frac{8}{11} = \frac{16}{22}$ 22) $\frac{1}{5} = \frac{2}{10}$ 23) $\frac{2}{7} = \frac{12}{42}$ 24) $\frac{4}{8} = \frac{40}{80}$

25) $\frac{1}{2} = \frac{9}{18}$ 26) $\frac{8}{9} = \frac{64}{72}$ 27) $\frac{1}{3} = \frac{4}{12}$ 28) $\frac{8}{11} = \frac{80}{110}$ 29) $\frac{5}{6} = \frac{15}{18}$ 30) $\frac{3}{12} = \frac{27}{108}$

31) $\frac{4}{10} = \frac{24}{60}$ 32) $\frac{7}{12} = \frac{63}{108}$ 33) $\frac{5}{7} = \frac{15}{21}$ 34) $\frac{1}{3} = \frac{10}{30}$ 35) $\frac{4}{9} = \frac{8}{18}$ 36) $\frac{3}{6} = \frac{30}{60}$

37) $\frac{7}{10} = \frac{70}{100}$ 38) $\frac{1}{2} = \frac{8}{16}$ 39) $\frac{2}{5} = \frac{10}{25}$ 40) $\frac{7}{8} = \frac{14}{16}$ 41) $\frac{8}{11} = \frac{32}{44}$ 42) $\frac{1}{4} = \frac{3}{12}$

43) $\frac{2}{3} = \frac{12}{18}$ 44) $\frac{1}{8} = \frac{3}{24}$ 45) $\frac{1}{2} = \frac{7}{14}$ 46) $\frac{4}{9} = \frac{36}{81}$ 47) $\frac{7}{12} = \frac{49}{84}$ 48) $\frac{5}{11} = \frac{50}{110}$

49) $\frac{1}{6} = \frac{6}{36}$ 50) $\frac{6}{7} = \frac{24}{28}$ 51) $\frac{8}{10} = \frac{56}{70}$ 52) $\frac{2}{5} = \frac{20}{50}$ 53) $\frac{1}{4} = \frac{9}{36}$ 54) $\frac{1}{12} = \frac{5}{60}$

55) $\frac{2}{7} = \frac{16}{56}$ 56) $\frac{5}{8} = \frac{35}{56}$ 57) $\frac{5}{9} = \frac{20}{36}$ 58) $\frac{4}{11} = \frac{36}{99}$ 59) $\frac{3}{6} = \frac{12}{24}$ 60) $\frac{7}{10} = \frac{21}{30}$

61) $\frac{1}{2} = \frac{5}{10}$ 62) $\frac{2}{3} = \frac{14}{21}$ 63) $\frac{1}{4} = \frac{8}{32}$ 64) $\frac{2}{5} = \frac{8}{20}$ 65) $\frac{11}{12} = \frac{22}{24}$ 66) $\frac{1}{7} = \frac{7}{49}$

67) $\frac{2}{9} = \frac{20}{90}$ 68) $\frac{2}{8} = \frac{12}{48}$ 69) $\frac{3}{10} = \frac{9}{30}$ 70) $\frac{4}{6} = \frac{36}{54}$ 71) $\frac{2}{3} = \frac{18}{27}$ 72) $\frac{6}{11} = \frac{54}{99}$

73) $\frac{4}{5} = \frac{28}{35}$ 74) $\frac{6}{8} = \frac{54}{72}$ 75) $\frac{2}{5} = \frac{4}{10}$ 76) $\frac{5}{12} = \frac{45}{108}$ 77) $\frac{1}{2} = \frac{3}{6}$ 78) $\frac{3}{9} = \frac{12}{36}$

79) $\frac{2}{6} = \frac{6}{18}$ 80) $\frac{1}{10} = \frac{9}{90}$ 81) $\frac{5}{11} = \frac{20}{44}$ 82) $\frac{1}{4} = \frac{7}{28}$ 83) $\frac{5}{8} = \frac{40}{64}$ 84) $\frac{11}{12} = \frac{88}{96}$

85) $\frac{4}{11} = \frac{8}{22}$ 86) $\frac{3}{4} = \frac{18}{24}$ 87) $\frac{1}{3} = \frac{8}{24}$ 88) $\frac{9}{10} = \frac{72}{80}$ 89) $\frac{1}{5} = \frac{6}{30}$ 90) $\frac{4}{9} = \frac{16}{36}$

91) $\frac{1}{8} = \frac{2}{16}$ 92) $\frac{4}{5} = \frac{8}{10}$ 93) $\frac{3}{11} = \frac{27}{99}$ 94) $\frac{1}{3} = \frac{2}{6}$ 95) $\frac{3}{7} = \frac{21}{49}$ 96) $\frac{5}{6} = \frac{50}{60}$

Name:_____ Class:_____ Date:____/____/_____

Equivalent Fractions 3

Complete the equivalent fractions.

1) $\frac{10}{11} = \frac{20}{22}$ 2) $\frac{1}{6} = \frac{2}{12}$ 3) $\frac{3}{5} = \frac{9}{15}$ 4) $\frac{1}{4} = \frac{9}{36}$ 5) $\frac{6}{8} = \frac{60}{80}$ 6) $\frac{11}{12} = \frac{77}{84}$

7) $\frac{1}{3} = \frac{9}{27}$ 8) $\frac{5}{7} = \frac{35}{49}$ 9) $\frac{1}{2} = \frac{4}{8}$ 10) $\frac{4}{8} = \frac{16}{32}$ 11) $\frac{9}{11} = \frac{81}{99}$ 12) $\frac{2}{4} = \frac{16}{32}$

13) $\frac{1}{9} = \frac{8}{72}$ 14) $\frac{3}{12} = \frac{15}{60}$ 15) $\frac{5}{6} = \frac{15}{18}$ 16) $\frac{2}{5} = \frac{18}{45}$ 17) $\frac{4}{10} = \frac{20}{50}$ 18) $\frac{5}{7} = \frac{50}{70}$

19) $\frac{1}{2} = \frac{2}{4}$ 20) $\frac{3}{4} = \frac{12}{16}$ 21) $\frac{7}{10} = \frac{63}{90}$ 22) $\frac{2}{3} = \frac{12}{18}$ 23) $\frac{8}{12} = \frac{64}{96}$ 24) $\frac{5}{6} = \frac{45}{54}$

25) $\frac{5}{9} = \frac{45}{81}$ 26) $\frac{3}{8} = \frac{24}{64}$ 27) $\frac{3}{5} = \frac{21}{35}$ 28) $\frac{2}{11} = \frac{4}{22}$ 29) $\frac{7}{11} = \frac{56}{88}$ 30) $\frac{9}{12} = \frac{72}{96}$

31) $\frac{2}{3} = \frac{4}{6}$ 32) $\frac{4}{5} = \frac{12}{15}$ 33) $\frac{5}{6} = \frac{35}{42}$ 34) $\frac{3}{10} = \frac{9}{30}$ 35) $\frac{9}{11} = \frac{72}{88}$ 36) $\frac{5}{9} = \frac{50}{90}$

37) $\frac{5}{7} = \frac{40}{56}$ 38) $\frac{1}{2} = \frac{9}{18}$ 39) $\frac{2}{8} = \frac{20}{80}$ 40) $\frac{1}{3} = \frac{5}{15}$ 41) $\frac{2}{10} = \frac{8}{40}$ 42) $\frac{6}{12} = \frac{24}{48}$

43) $\frac{3}{5} = \frac{24}{40}$ 44) $\frac{3}{7} = \frac{15}{35}$ 45) $\frac{4}{6} = \frac{16}{24}$ 46) $\frac{6}{9} = \frac{36}{54}$ 47) $\frac{5}{11} = \frac{20}{44}$ 48) $\frac{1}{2} = \frac{10}{20}$

49) $\frac{2}{4} = \frac{12}{24}$ 50) $\frac{1}{7} = \frac{2}{14}$ 51) $\frac{2}{3} = \frac{14}{21}$ 52) $\frac{4}{11} = \frac{20}{55}$ 53) $\frac{4}{6} = \frac{20}{30}$ 54) $\frac{2}{5} = \frac{20}{50}$

55) $\frac{3}{8} = \frac{9}{24}$ 56) $\frac{4}{12} = \frac{40}{120}$ 57) $\frac{1}{10} = \frac{8}{80}$ 58) $\frac{1}{5} = \frac{10}{50}$ 59) $\frac{4}{12} = \frac{24}{72}$ 60) $\frac{9}{11} = \frac{36}{44}$

61) $\frac{1}{9} = \frac{7}{63}$ 62) $\frac{4}{7} = \frac{12}{21}$ 63) $\frac{7}{10} = \frac{42}{60}$ 64) $\frac{3}{6} = \frac{9}{18}$ 65) $\frac{3}{4} = \frac{15}{20}$ 66) $\frac{7}{8} = \frac{70}{80}$

67) $\frac{2}{3} = \frac{16}{24}$ 68) $\frac{1}{2} = \frac{3}{6}$ 69) $\frac{2}{5} = \frac{4}{10}$ 70) $\frac{2}{4} = \frac{18}{36}$ 71) $\frac{4}{8} = \frac{28}{56}$ 72) $\frac{4}{9} = \frac{12}{27}$

73) $\frac{1}{10} = \frac{10}{100}$ 74) $\frac{1}{3} = \frac{6}{18}$ 75) $\frac{2}{6} = \frac{20}{60}$ 76) $\frac{1}{2} = \frac{6}{12}$ 77) $\frac{10}{11} = \frac{30}{33}$ 78) $\frac{8}{12} = \frac{72}{108}$

79) $\frac{3}{7} = \frac{30}{70}$ 80) $\frac{4}{10} = \frac{32}{80}$ 81) $\frac{2}{9} = \frac{10}{45}$ 82) $\frac{2}{4} = \frac{4}{8}$ 83) $\frac{2}{6} = \frac{6}{18}$ 84) $\frac{4}{5} = \frac{32}{40}$

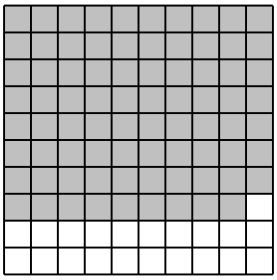
85) $\frac{9}{11} = \frac{54}{66}$ 86) $\frac{2}{8} = \frac{16}{64}$ 87) $\frac{10}{12} = \frac{20}{24}$ 88) $\frac{1}{6} = \frac{5}{30}$ 89) $\frac{3}{12} = \frac{24}{96}$ 90) $\frac{4}{5} = \frac{36}{45}$

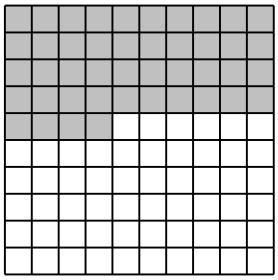
91) $\frac{1}{3} = \frac{10}{30}$ 92) $\frac{4}{10} = \frac{36}{90}$ 93) $\frac{5}{7} = \frac{15}{21}$ 94) $\frac{2}{6} = \frac{18}{54}$ 95) $\frac{1}{11} = \frac{8}{88}$ 96) $\frac{7}{12} = \frac{42}{72}$

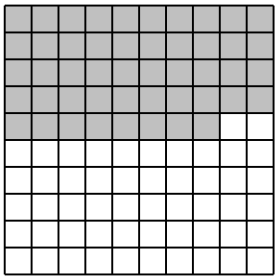
Name:_____ Class:_____ Date:____/____/_____

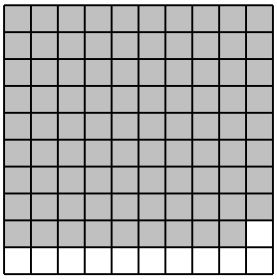
Fraction Identification - Grids

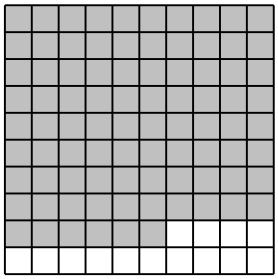
What fraction is coloured?

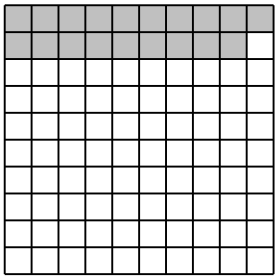
1)  = $\frac{79}{100}$

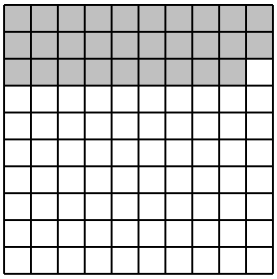
2)  = $\frac{11}{25}$

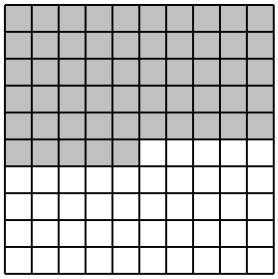
3)  = $\frac{12}{25}$

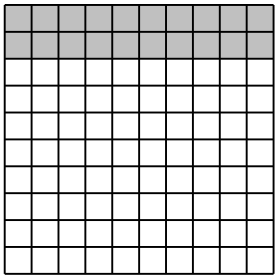
4)  = $\frac{89}{100}$

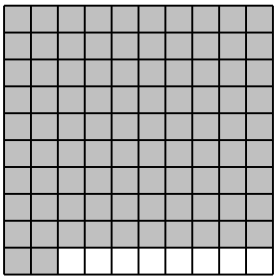
5)  = $\frac{43}{50}$

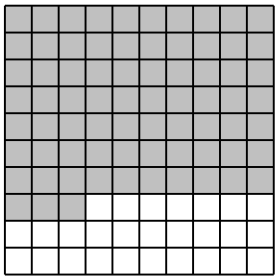
6)  = $\frac{19}{100}$

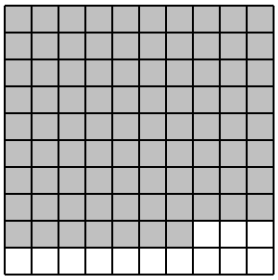
7)  = $\frac{29}{100}$

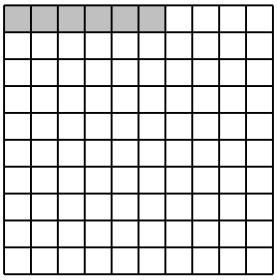
8)  = $\frac{11}{20}$

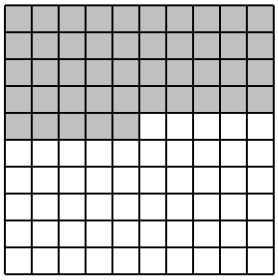
9)  = $\frac{1}{5}$

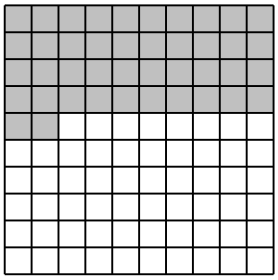
10)  = $\frac{23}{25}$

11)  = $\frac{73}{100}$

12)  = $\frac{87}{100}$

13)  = $\frac{3}{50}$

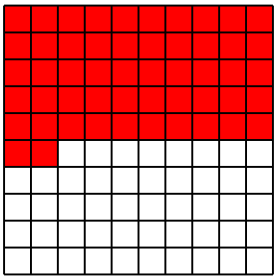
14)  = $\frac{9}{20}$

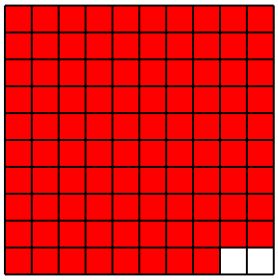
15)  = $\frac{21}{50}$

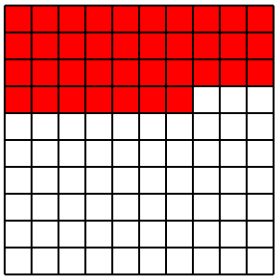
Name:_____ Class:_____ Date:____/____/_____

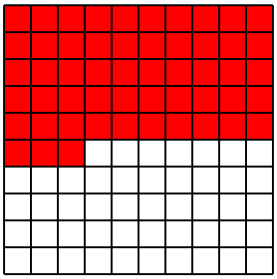
Fraction Identification - Grids

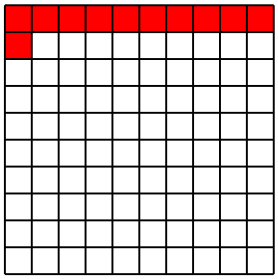
Colour the fraction.

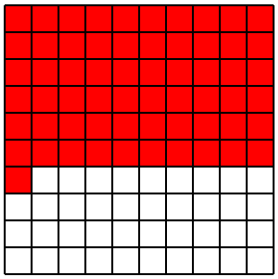
1)  = $\frac{13}{25}$

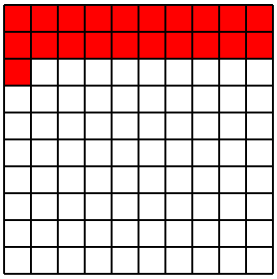
2)  = $\frac{49}{50}$

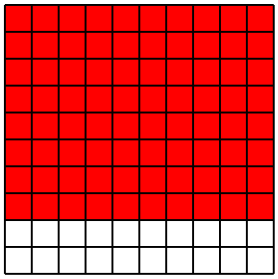
3)  = $\frac{37}{100}$

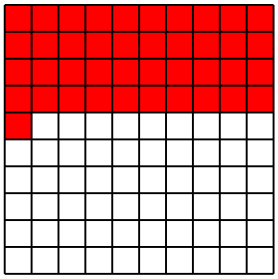
4)  = $\frac{53}{100}$

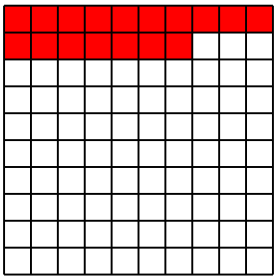
5)  = $\frac{11}{100}$

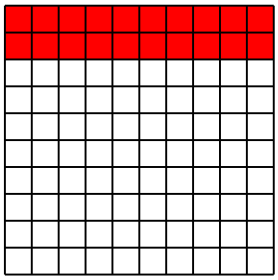
6)  = $\frac{61}{100}$

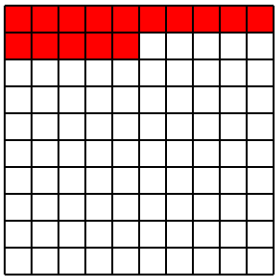
7)  = $\frac{21}{100}$

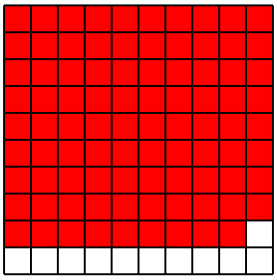
8)  = $\frac{4}{5}$

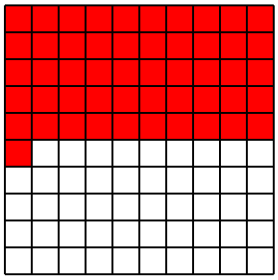
9)  = $\frac{41}{100}$

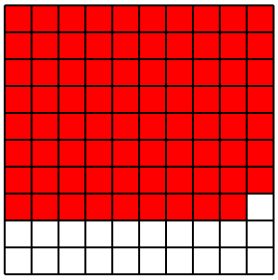
10)  = $\frac{17}{100}$

11)  = $\frac{1}{5}$

12)  = $\frac{3}{20}$

13)  = $\frac{89}{100}$

14)  = $\frac{51}{100}$

15)  = $\frac{79}{100}$

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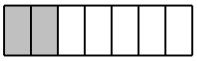
Fraction Identification - Rectangles

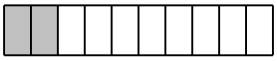
Identify the fraction.

1)  = $\frac{2}{7}$

2) = $\frac{8}{9}$

3) = $\frac{5}{6}$

4) = $\frac{1}{2}$

5)  = $\frac{2}{10}$

6) = $\frac{3}{5}$

7) = $\frac{6}{12}$

8) = $\frac{1}{3}$

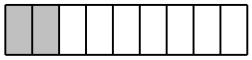
9) = $\frac{7}{8}$

10) = $\frac{1}{4}$

11) = $\frac{4}{12}$

12) = $\frac{4}{7}$

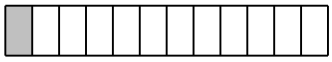
13) = $\frac{4}{8}$

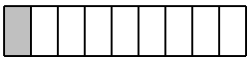
14)  = $\frac{2}{9}$

15) = $\frac{4}{6}$

16) = $\frac{3}{4}$

17) = $\frac{5}{8}$

18)  = $\frac{1}{12}$

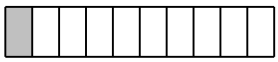
19)  = $\frac{1}{9}$

20) = $\frac{4}{10}$

21) = $\frac{5}{7}$

22) = $\frac{2}{3}$

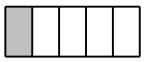
23) = $\frac{4}{5}$

24)  = $\frac{1}{10}$

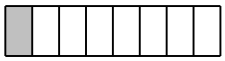
25) = $\frac{1}{6}$

26) = $\frac{4}{9}$

27) = $\frac{2}{8}$

28)  = $\frac{1}{5}$

29) = $\frac{3}{12}$

30)  = $\frac{1}{8}$

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Fraction Identification - Rectangles

Colour the fraction.

1) $\frac{6}{12}$ =

2) $\frac{6}{8}$ =

3) $\frac{1}{3}$ =

4) $\frac{5}{9}$ =

5) $\frac{3}{6}$ =

6) $\frac{9}{10}$ =

7) $\frac{5}{7}$ =

8) $\frac{1}{2}$ =

9) $\frac{3}{5}$ =

10) $\frac{2}{5}$ =

11) $\frac{2}{3}$ =

12) $\frac{8}{12}$ =

13) $\frac{1}{6}$ =

14) $\frac{1}{4}$ =

15) $\frac{7}{9}$ =

16) $\frac{3}{7}$ =

17) $\frac{4}{10}$ =

18) $\frac{5}{10}$ =

19) $\frac{1}{9}$ =

20) $\frac{2}{4}$ =

21) $\frac{4}{6}$ =

22) $\frac{5}{12}$ =

23) $\frac{3}{8}$ =

24) $\frac{2}{7}$ =

25) $\frac{7}{10}$ =

26) $\frac{10}{12}$ =

27) $\frac{4}{9}$ =

28) $\frac{3}{4}$ =

29) $\frac{1}{5}$ =

30) $\frac{7}{12}$ =

Name:_____ Class:_____ Date:____/____/_____

Fractions Addition 1

Find the sum.

1) $\frac{1}{12} + \frac{5}{12} = \frac{1}{2}$
2) $\frac{3}{4} + \frac{1}{4} = 1$
3) $\frac{9}{11} + \frac{3}{11} = 1\frac{1}{11}$
4) $\frac{3}{8} + \frac{5}{8} = 1$
5) $\frac{1}{12} + \frac{1}{12} = \frac{1}{6}$
6) $\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$
7) $\frac{3}{5} + \frac{4}{5} = 1\frac{2}{5}$
8) $\frac{1}{2} + \frac{1}{2} = 1$
9) $\frac{1}{6} + \frac{1}{6} = \frac{1}{3}$
10) $\frac{4}{7} + \frac{5}{7} = 1\frac{2}{7}$
11) $\frac{1}{3} + \frac{2}{3} = 1$
12) $\frac{7}{10} + \frac{7}{10} = 1\frac{2}{5}$
13) $\frac{1}{4} + \frac{3}{4} = 1$
14) $\frac{3}{10} + \frac{1}{10} = \frac{2}{5}$
15) $\frac{5}{9} + \frac{5}{9} = 1\frac{1}{9}$
16) $\frac{5}{7} + \frac{6}{7} = 1\frac{4}{7}$
17) $\frac{6}{11} + \frac{7}{11} = 1\frac{2}{11}$
18) $\frac{1}{12} + \frac{7}{12} = \frac{2}{3}$
19) $\frac{3}{8} + \frac{1}{8} = \frac{1}{2}$
20) $\frac{1}{5} + \frac{4}{5} = 1$
21) $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$
22) $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
23) $\frac{9}{11} + \frac{2}{11} = 1$
24) $\frac{5}{8} + \frac{7}{8} = 1\frac{1}{2}$
25) $\frac{7}{9} + \frac{4}{9} = 1\frac{2}{9}$
26) $\frac{4}{7} + \frac{4}{7} = 1\frac{1}{7}$
27) $\frac{3}{10} + \frac{3}{10} = \frac{3}{5}$
28) $\frac{5}{12} + \frac{7}{12} = 1$
29) $\frac{3}{5} + \frac{3}{5} = 1\frac{1}{5}$
30) $\frac{1}{8} + \frac{1}{8} = \frac{1}{4}$
31) $\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$
32) $\frac{1}{11} + \frac{4}{11} = \frac{5}{11}$
33) $\frac{5}{7} + \frac{4}{7} = 1\frac{2}{7}$
34) $\frac{1}{8} + \frac{5}{8} = \frac{3}{4}$
35) $\frac{7}{9} + \frac{8}{9} = 1\frac{2}{3}$
36) $\frac{1}{4} + \frac{1}{4} = \frac{1}{2}$
37) $\frac{9}{10} + \frac{1}{10} = 1$
38) $\frac{1}{6} + \frac{5}{6} = 1$
39) $\frac{2}{3} + \frac{1}{3} = 1$
40) $\frac{7}{11} + \frac{3}{11} = \frac{10}{11}$
41) $\frac{1}{8} + \frac{7}{8} = 1$
42) $\frac{3}{10} + \frac{7}{10} = 1$
43) $\frac{1}{9} + \frac{8}{9} = 1$
44) $\frac{5}{12} + \frac{5}{12} = \frac{5}{6}$
45) $\frac{1}{11} + \frac{6}{11} = \frac{7}{11}$
46) $\frac{1}{7} + \frac{2}{7} = \frac{3}{7}$
47) $\frac{5}{11} + \frac{1}{11} = \frac{6}{11}$
48) $\frac{4}{5} + \frac{3}{5} = 1\frac{2}{5}$
49) $\frac{7}{12} + \frac{11}{12} = 1\frac{1}{2}$
50) $\frac{3}{8} + \frac{7}{8} = 1\frac{1}{4}$
51) $\frac{1}{9} + \frac{5}{9} = \frac{2}{3}$
52) $\frac{1}{10} + \frac{7}{10} = \frac{4}{5}$
53) $\frac{5}{8} + \frac{5}{8} = 1\frac{1}{4}$
54) $\frac{6}{11} + \frac{9}{11} = 1\frac{4}{11}$
55) $\frac{5}{6} + \frac{1}{6} = 1$
56) $\frac{11}{12} + \frac{7}{12} = 1\frac{1}{2}$
57) $\frac{2}{9} + \frac{2}{9} = \frac{4}{9}$
58) $\frac{6}{7} + \frac{2}{7} = 1\frac{1}{7}$
59) $\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$
60) $\frac{4}{9} + \frac{8}{9} = 1\frac{1}{3}$

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Fractions Addition 2

Find the sum.

1) $\frac{5}{12} + \frac{9}{10} = 1\frac{19}{60}$
2) $\frac{1}{6} + \frac{3}{10} = \frac{7}{15}$
3) $\frac{1}{2} + \frac{7}{12} = 1\frac{1}{12}$
4) $\frac{8}{11} + \frac{1}{6} = \frac{59}{66}$
5) $\frac{3}{4} + \frac{1}{3} = 1\frac{1}{12}$
6) $\frac{2}{3} + \frac{3}{4} = 1\frac{5}{12}$
7) $\frac{3}{8} + \frac{2}{5} = \frac{31}{40}$
8) $\frac{1}{2} + \frac{5}{8} = 1\frac{1}{8}$
9) $\frac{7}{10} + \frac{5}{6} = 1\frac{8}{15}$
10) $\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$
11) $\frac{1}{4} + \frac{7}{12} = \frac{5}{6}$
12) $\frac{1}{12} + \frac{1}{2} = \frac{7}{12}$
13) $\frac{3}{4} + \frac{3}{8} = 1\frac{1}{8}$
14) $\frac{2}{3} + \frac{1}{4} = \frac{11}{12}$
15) $\frac{3}{5} + \frac{4}{5} = 1\frac{2}{5}$
16) $\frac{1}{8} + \frac{1}{2} = \frac{5}{8}$
17) $\frac{2}{7} + \frac{9}{10} = 1\frac{13}{70}$
18) $\frac{5}{6} + \frac{6}{7} = 1\frac{29}{42}$
19) $\frac{3}{4} + \frac{5}{6} = 1\frac{7}{12}$
20) $\frac{3}{11} + \frac{2}{11} = \frac{5}{11}$
21) $\frac{3}{8} + \frac{1}{8} = \frac{1}{2}$
22) $\frac{1}{2} + \frac{3}{10} = \frac{4}{5}$
23) $\frac{5}{7} + \frac{1}{6} = \frac{37}{42}$
24) $\frac{1}{6} + \frac{2}{5} = \frac{17}{30}$
25) $\frac{1}{9} + \frac{2}{7} = \frac{25}{63}$
26) $\frac{1}{3} + \frac{1}{2} = \frac{5}{6}$
27) $\frac{1}{10} + \frac{5}{8} = \frac{29}{40}$
28) $\frac{11}{12} + \frac{3}{7} = 1\frac{29}{84}$
29) $\frac{2}{3} + \frac{4}{5} = 1\frac{7}{15}$
30) $\frac{1}{7} + \frac{1}{3} = \frac{10}{21}$
31) $\frac{1}{9} + \frac{7}{10} = \frac{73}{90}$
32) $\frac{5}{6} + \frac{10}{11} = 1\frac{49}{66}$
33) $\frac{5}{12} + \frac{3}{8} = \frac{19}{24}$
34) $\frac{1}{2} + \frac{1}{5} = \frac{7}{10}$
35) $\frac{3}{4} + \frac{2}{3} = 1\frac{5}{12}$
36) $\frac{5}{7} + \frac{3}{7} = 1\frac{1}{7}$
37) $\frac{2}{3} + \frac{1}{11} = \frac{25}{33}$
38) $\frac{1}{12} + \frac{3}{8} = \frac{11}{24}$
39) $\frac{2}{9} + \frac{1}{6} = \frac{7}{18}$
40) $\frac{4}{9} + \frac{1}{4} = \frac{25}{36}$
41) $\frac{7}{10} + \frac{11}{12} = 1\frac{37}{60}$
42) $\frac{6}{11} + \frac{2}{11} = \frac{8}{11}$
43) $\frac{5}{7} + \frac{1}{5} = \frac{32}{35}$
44) $\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$
45) $\frac{4}{11} + \frac{3}{10} = \frac{73}{110}$
46) $\frac{3}{4} + \frac{4}{7} = 1\frac{9}{28}$
47) $\frac{1}{6} + \frac{1}{8} = \frac{7}{24}$
48) $\frac{8}{9} + \frac{3}{10} = 1\frac{17}{90}$
49) $\frac{1}{5} + \frac{1}{2} = \frac{7}{10}$
50) $\frac{5}{11} + \frac{2}{11} = \frac{7}{11}$
51) $\frac{4}{7} + \frac{5}{6} = 1\frac{17}{42}$
52) $\frac{3}{10} + \frac{1}{8} = \frac{17}{40}$
53) $\frac{7}{12} + \frac{2}{5} = \frac{59}{60}$
54) $\frac{1}{2} + \frac{1}{12} = \frac{7}{12}$
55) $\frac{1}{5} + \frac{4}{5} = 1$
56) $\frac{2}{3} + \frac{5}{8} = 1\frac{7}{24}$
57) $\frac{1}{11} + \frac{5}{7} = \frac{62}{77}$
58) $\frac{1}{6} + \frac{1}{6} = \frac{1}{3}$
59) $\frac{4}{7} + \frac{3}{11} = \frac{65}{77}$
60) $\frac{2}{7} + \frac{1}{2} = \frac{11}{14}$

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Fractions and Decimals 1

Convert to a decimal. 3 decimal places.

1) $\frac{1}{2}$ = 0.5
2) $\frac{9}{10}$ = 0.9
3) $\frac{17}{100}$ = 0.17
4) $\frac{5}{12}$ = 0.417
5) $\frac{22}{25}$ = 0.88
6) $\frac{4}{7}$ = 0.571
7) $\frac{6}{12}$ = 0.5
8) $\frac{6}{11}$ = 0.545
9) $\frac{14}{50}$ = 0.28
10) $\frac{4}{6}$ = 0.667
11) $\frac{3}{9}$ = 0.333
12) $\frac{30}{100}$ = 0.3
13) $\frac{7}{8}$ = 0.875
14) $\frac{4}{5}$ = 0.8
15) $\frac{6}{10}$ = 0.6
16) $\frac{3}{4}$ = 0.75
17) $\frac{19}{20}$ = 0.95
18) $\frac{1}{3}$ = 0.333
19) $\frac{3}{50}$ = 0.06
20) $\frac{13}{100}$ = 0.13
21) $\frac{11}{12}$ = 0.917
22) $\frac{10}{25}$ = 0.4
23) $\frac{7}{10}$ = 0.7
24) $\frac{3}{20}$ = 0.15
25) $\frac{1}{5}$ = 0.2
26) $\frac{1}{6}$ = 0.167
27) $\frac{6}{8}$ = 0.75
28) $\frac{1}{4}$ = 0.25
29) $\frac{5}{11}$ = 0.455
30) $\frac{2}{3}$ = 0.667
31) $\frac{6}{7}$ = 0.857
32) $\frac{2}{4}$ = 0.5
33) $\frac{8}{12}$ = 0.667
34) $\frac{6}{9}$ = 0.667
35) $\frac{20}{25}$ = 0.8
36) $\frac{1}{8}$ = 0.125
37) $\frac{14}{20}$ = 0.7
38) $\frac{2}{6}$ = 0.333
39) $\frac{51}{100}$ = 0.51
40) $\frac{12}{50}$ = 0.24
41) $\frac{3}{5}$ = 0.6
42) $\frac{5}{7}$ = 0.714
43) $\frac{2}{8}$ = 0.25
44) $\frac{3}{6}$ = 0.5
45) $\frac{2}{11}$ = 0.182
46) $\frac{50}{100}$ = 0.5
47) $\frac{5}{9}$ = 0.556
48) $\frac{5}{10}$ = 0.5
49) $\frac{29}{50}$ = 0.58
50) $\frac{11}{25}$ = 0.44
51) $\frac{44}{100}$ = 0.44
52) $\frac{40}{50}$ = 0.8
53) $\frac{8}{10}$ = 0.8
54) $\frac{18}{20}$ = 0.9
55) $\frac{1}{7}$ = 0.143
56) $\frac{1}{11}$ = 0.091
57) $\frac{9}{12}$ = 0.75
58) $\frac{17}{25}$ = 0.68
59) $\frac{7}{20}$ = 0.35
60) $\frac{5}{8}$ = 0.625
61) $\frac{8}{9}$ = 0.889
62) $\frac{4}{12}$ = 0.333
63) $\frac{75}{100}$ = 0.75
64) $\frac{48}{50}$ = 0.96
65) $\frac{23}{100}$ = 0.23
66) $\frac{4}{50}$ = 0.08
67) $\frac{2}{5}$ = 0.4
68) $\frac{6}{20}$ = 0.3
69) $\frac{12}{25}$ = 0.48
70) $\frac{8}{11}$ = 0.727
71) $\frac{8}{50}$ = 0.16
72) $\frac{7}{12}$ = 0.583
73) $\frac{12}{20}$ = 0.6
74) $\frac{31}{100}$ = 0.31
75) $\frac{1}{10}$ = 0.1

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Fractions and Decimals 2

Convert to a fraction.

1) 0.5 = $\frac{3}{6}$
2) 0.1 = $\frac{2}{20}$
3) 0.25 = $\frac{2}{8}$
4) 0.286 = $\frac{2}{7}$
5) 0.667 = $\frac{2}{3}$
6) 0.36 = $\frac{9}{25}$
7) 0.667 = $\frac{6}{9}$
8) 0.92 = $\frac{46}{50}$
9) 0.5 = $\frac{1}{2}$
10) 0.71 = $\frac{71}{100}$
11) 0.917 = $\frac{11}{12}$
12) 0.2 = $\frac{1}{5}$
13) 0.273 = $\frac{3}{11}$
14) 0.1 = $\frac{1}{10}$
15) 0.25 = $\frac{1}{4}$
16) 0.85 = $\frac{17}{20}$
17) 0.64 = $\frac{16}{25}$
18) 0.4 = $\frac{4}{10}$
19) 0.5 = $\frac{2}{4}$
20) 0.8 = $\frac{4}{5}$
21) 0.333 = $\frac{2}{6}$
22) 0.64 = $\frac{32}{50}$
23) 0.818 = $\frac{9}{11}$
24) 0.75 = $\frac{9}{12}$
25) 0.333 = $\frac{3}{9}$
26) 0.24 = $\frac{24}{100}$
27) 0.083 = $\frac{1}{12}$
28) 0.76 = $\frac{19}{25}$
29) 0.9 = $\frac{18}{20}$
30) 0.667 = $\frac{4}{6}$
31) 0.26 = $\frac{26}{100}$
32) 0.909 = $\frac{10}{11}$
33) 0.06 = $\frac{3}{50}$
34) 0.333 = $\frac{1}{3}$
35) 0.889 = $\frac{8}{9}$
36) 0.571 = $\frac{4}{7}$
37) 0.7 = $\frac{7}{10}$
38) 0.429 = $\frac{3}{7}$
39) 0.375 = $\frac{3}{8}$
40) 0.15 = $\frac{3}{20}$
41) 0.167 = $\frac{1}{6}$
42) 0.9 = $\frac{9}{10}$
43) 0.32 = $\frac{16}{50}$
44) 0.545 = $\frac{6}{11}$
45) 0.72 = $\frac{18}{25}$
46) 0.583 = $\frac{7}{12}$
47) 0.47 = $\frac{47}{100}$
48) 0.6 = $\frac{3}{5}$
49) 0.714 = $\frac{5}{7}$
50) 0.167 = $\frac{2}{12}$
51) 0.625 = $\frac{5}{8}$
52) 0.364 = $\frac{4}{11}$
53) 0.833 = $\frac{5}{6}$
54) 0.53 = $\frac{53}{100}$
55) 0.4 = $\frac{10}{25}$
56) 0.875 = $\frac{7}{8}$
57) 0.111 = $\frac{1}{9}$
58) 0.13 = $\frac{13}{100}$
59) 0.68 = $\frac{17}{25}$
60) 0.7 = $\frac{14}{20}$
61) 0.36 = $\frac{18}{50}$
62) 0.75 = $\frac{3}{4}$
63) 0.3 = $\frac{6}{20}$
64) 0.5 = $\frac{6}{12}$
65) 0.66 = $\frac{33}{50}$
66) 0.6 = $\frac{6}{10}$
67) 0.2 = $\frac{5}{25}$
68) 0.54 = $\frac{54}{100}$
69) 0.4 = $\frac{2}{5}$
70) 0.222 = $\frac{2}{9}$
71) 0.5 = $\frac{10}{20}$
72) 0.59 = $\frac{59}{100}$
73) 0.04 = $\frac{1}{25}$
74) 0.82 = $\frac{41}{50}$
75) 0.857 = $\frac{6}{7}$

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Fractions and Decimals 3

Convert to a fraction or a decimal. 3 decimal places.

1) 0.556 = $\frac{5}{9}$
2) 0.714 = $\frac{5}{7}$
3) $\frac{1}{5}$ = 0.2
4) $\frac{1}{2}$ = 0.5
5) 0.083 = $\frac{1}{12}$
6) 0.333 = $\frac{1}{3}$
7) $\frac{1}{6}$ = 0.167
8) 0.9 = $\frac{9}{10}$
9) $\frac{8}{20}$ = 0.4
10) $\frac{3}{4}$ = 0.75
11) 0.75 = $\frac{6}{8}$
12) $\frac{6}{25}$ = 0.24
13) 0.17 = $\frac{17}{100}$
14) $\frac{15}{50}$ = 0.3
15) $\frac{3}{11}$ = 0.273
16) 0.111 = $\frac{1}{9}$
17) 0.3 = $\frac{30}{100}$
18) $\frac{2}{11}$ = 0.182
19) 0.4 = $\frac{10}{25}$
20) 0.5 = $\frac{2}{4}$
21) 0.875 = $\frac{7}{8}$
22) $\frac{2}{7}$ = 0.286
23) $\frac{2}{5}$ = 0.4
24) 0.04 = $\frac{2}{50}$
25) 0.4 = $\frac{4}{10}$
26) 0.667 = $\frac{2}{3}$
27) $\frac{17}{20}$ = 0.85
28) 0.333 = $\frac{4}{12}$
29) $\frac{76}{100}$ = 0.76
30) 0.6 = $\frac{6}{10}$
31) 0.6 = $\frac{3}{5}$
32) 0.125 = $\frac{1}{8}$
33) $\frac{18}{50}$ = 0.36
34) $\frac{13}{20}$ = 0.65
35) 0.96 = $\frac{24}{25}$
36) $\frac{6}{12}$ = 0.5
37) 0.222 = $\frac{2}{9}$
38) $\frac{9}{11}$ = 0.818
39) 0.25 = $\frac{1}{4}$
40) 0.778 = $\frac{7}{9}$
41) $\frac{5}{11}$ = 0.455
42) 0.84 = $\frac{21}{25}$
43) 0.667 = $\frac{8}{12}$
44) $\frac{35}{100}$ = 0.35
45) $\frac{2}{6}$ = 0.333
46) 0.143 = $\frac{1}{7}$
47) $\frac{3}{10}$ = 0.3
48) $\frac{28}{50}$ = 0.56
49) 0.88 = $\frac{88}{100}$
50) 0.583 = $\frac{7}{12}$
51) 0.28 = $\frac{7}{25}$
52) $\frac{15}{20}$ = 0.75
53) 0.636 = $\frac{7}{11}$
54) 0.46 = $\frac{23}{50}$
55) 0.5 = $\frac{5}{10}$
56) $\frac{39}{50}$ = 0.78
57) 0.05 = $\frac{1}{20}$
58) $\frac{3}{9}$ = 0.333
59) $\frac{5}{8}$ = 0.625
60) 0.364 = $\frac{4}{11}$
61) $\frac{6}{7}$ = 0.857
62) $\frac{93}{100}$ = 0.93
63) 0.72 = $\frac{18}{25}$
64) $\frac{8}{100}$ = 0.08
65) 0.6 = $\frac{30}{50}$
66) 0.429 = $\frac{3}{7}$
67) $\frac{4}{7}$ = 0.571
68) $\frac{5}{20}$ = 0.25
69) 0.1 = $\frac{1}{10}$
70) $\frac{17}{50}$ = 0.34
71) $\frac{2}{25}$ = 0.08
72) $\frac{10}{12}$ = 0.833
73) 0.545 = $\frac{6}{11}$
74) 0.833 = $\frac{5}{6}$
75) 0.8 = $\frac{4}{5}$

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Fractions Division Common Denominators

Find the quotient.

1) $\frac{2}{7} \div \frac{6}{7} = \frac{1}{3}$
2) $\frac{2}{11} \div \frac{6}{11} = \frac{1}{3}$
3) $\frac{1}{8} \div \frac{5}{8} = \frac{1}{5}$
4) $\frac{1}{3} \div \frac{1}{3} = 1$
5) $\frac{2}{9} \div \frac{8}{9} = \frac{1}{4}$
6) $\frac{1}{5} \div \frac{3}{5} = \frac{1}{3}$
7) $\frac{1}{2} \div \frac{1}{2} = 1$
8) $\frac{5}{12} \div \frac{9}{12} = \frac{5}{9}$
9) $\frac{1}{4} \div \frac{2}{4} = \frac{1}{2}$
10) $\frac{3}{12} \div \frac{6}{12} = \frac{1}{2}$
11) $\frac{6}{7} \div \frac{3}{7} = 2$
12) $\frac{6}{11} \div \frac{6}{11} = 1$
13) $\frac{2}{3} \div \frac{1}{3} = 2$
14) $\frac{2}{5} \div \frac{3}{5} = \frac{2}{3}$
15) $\frac{2}{6} \div \frac{3}{6} = \frac{2}{3}$
16) $\frac{5}{10} \div \frac{5}{10} = 1$
17) $\frac{1}{9} \div \frac{1}{9} = 1$
18) $\frac{5}{8} \div \frac{7}{8} = \frac{5}{7}$
19) $\frac{1}{4} \div \frac{3}{4} = \frac{1}{3}$
20) $\frac{2}{12} \div \frac{6}{12} = \frac{1}{3}$
21) $\frac{2}{8} \div \frac{5}{8} = \frac{2}{5}$
22) $\frac{1}{7} \div \frac{1}{7} = 1$
23) $\frac{8}{9} \div \frac{7}{9} = 1\frac{1}{7}$
24) $\frac{3}{11} \div \frac{5}{11} = \frac{3}{5}$
25) $\frac{3}{6} \div \frac{4}{6} = \frac{3}{4}$
26) $\frac{6}{10} \div \frac{7}{10} = \frac{6}{7}$
27) $\frac{4}{5} \div \frac{4}{5} = 1$
28) $\frac{2}{3} \div \frac{2}{3} = 1$
29) $\frac{5}{11} \div \frac{8}{11} = \frac{5}{8}$
30) $\frac{8}{12} \div \frac{10}{12} = \frac{4}{5}$
31) $\frac{3}{6} \div \frac{1}{6} = 3$
32) $\frac{1}{4} \div \frac{1}{4} = 1$
33) $\frac{4}{10} \div \frac{4}{10} = 1$
34) $\frac{5}{9} \div \frac{4}{9} = 1\frac{1}{4}$
35) $\frac{3}{8} \div \frac{6}{8} = \frac{1}{2}$
36) $\frac{1}{8} \div \frac{3}{8} = \frac{1}{3}$
37) $\frac{6}{11} \div \frac{9}{11} = \frac{2}{3}$
38) $\frac{4}{6} \div \frac{4}{6} = 1$
39) $\frac{4}{5} \div \frac{2}{5} = 2$
40) $\frac{3}{4} \div \frac{1}{4} = 3$
41) $\frac{3}{12} \div \frac{4}{12} = \frac{3}{4}$
42) $\frac{4}{9} \div \frac{1}{9} = 4$
43) $\frac{1}{7} \div \frac{5}{7} = \frac{1}{5}$
44) $\frac{9}{10} \div \frac{2}{10} = 4\frac{1}{2}$
45) $\frac{4}{10} \div \frac{2}{10} = 2$
46) $\frac{6}{12} \div \frac{5}{12} = 1\frac{1}{5}$
47) $\frac{1}{3} \div \frac{2}{3} = \frac{1}{2}$
48) $\frac{7}{11} \div \frac{6}{11} = 1\frac{1}{6}$
49) $\frac{3}{5} \div \frac{1}{5} = 3$
50) $\frac{4}{7} \div \frac{3}{7} = 1\frac{1}{3}$
51) $\frac{6}{9} \div \frac{3}{9} = 2$
52) $\frac{5}{6} \div \frac{5}{6} = 1$
53) $\frac{2}{8} \div \frac{1}{8} = 2$
54) $\frac{2}{10} \div \frac{2}{10} = 1$
55) $\frac{5}{6} \div \frac{4}{6} = 1\frac{1}{4}$
56) $\frac{3}{5} \div \frac{2}{5} = 1\frac{1}{2}$
57) $\frac{1}{11} \div \frac{8}{11} = \frac{1}{8}$
58) $\frac{11}{12} \div \frac{5}{12} = 2\frac{1}{5}$
59) $\frac{3}{8} \div \frac{2}{8} = 1\frac{1}{2}$
60) $\frac{5}{8} \div \frac{4}{8} = 1\frac{1}{4}$

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Fractions Division

Find the quotient.

1) $\frac{4}{10} \div \frac{1}{5} = 2$
2) $\frac{6}{12} \div \frac{6}{8} = \frac{2}{3}$
3) $\frac{9}{12} \div \frac{3}{4} = 1$
4) $\frac{1}{2} \div \frac{2}{4} = 1$
5) $\frac{3}{6} \div \frac{7}{8} = \frac{4}{7}$
6) $\frac{3}{8} \div \frac{1}{3} = 1\frac{1}{8}$
7) $\frac{2}{9} \div \frac{3}{6} = \frac{4}{9}$
8) $\frac{2}{5} \div \frac{1}{5} = 2$
9) $\frac{10}{12} \div \frac{1}{3} = 2\frac{1}{2}$
10) $\frac{2}{4} \div \frac{3}{8} = 1\frac{1}{3}$
11) $\frac{3}{6} \div \frac{2}{4} = 1$
12) $\frac{1}{2} \div \frac{2}{6} = 1\frac{1}{2}$
13) $\frac{5}{7} \div \frac{1}{5} = 3\frac{4}{7}$
14) $\frac{1}{9} \div \frac{1}{3} = \frac{1}{3}$
15) $\frac{8}{10} \div \frac{5}{6} = \frac{24}{25}$
16) $\frac{6}{8} \div \frac{2}{6} = 2\frac{1}{4}$
17) $\frac{2}{4} \div \frac{2}{8} = 2$
18) $\frac{3}{5} \div \frac{1}{3} = 1\frac{4}{5}$
19) $\frac{7}{9} \div \frac{2}{3} = 1\frac{1}{6}$
20) $\frac{7}{11} \div \frac{3}{4} = \frac{28}{33}$
21) $\frac{3}{4} \div \frac{1}{5} = 3\frac{3}{4}$
22) $\frac{4}{7} \div \frac{1}{4} = 2\frac{2}{7}$
23) $\frac{4}{6} \div \frac{1}{3} = 2$
24) $\frac{5}{8} \div \frac{4}{5} = \frac{25}{32}$
25) $\frac{3}{5} \div \frac{7}{8} = \frac{24}{35}$
26) $\frac{1}{6} \div \frac{5}{6} = \frac{1}{5}$
27) $\frac{1}{3} \div \frac{1}{8} = 2\frac{2}{3}$
28) $\frac{1}{5} \div \frac{1}{4} = \frac{4}{5}$
29) $\frac{1}{11} \div \frac{4}{5} = \frac{5}{44}$
30) $\frac{6}{9} \div \frac{3}{6} = 1\frac{1}{3}$
31) $\frac{1}{2} \div \frac{5}{8} = \frac{4}{5}$
32) $\frac{1}{6} \div \frac{1}{4} = \frac{2}{3}$
33) $\frac{1}{8} \div \frac{5}{6} = \frac{3}{20}$
34) $\frac{10}{11} \div \frac{2}{8} = 3\frac{7}{11}$
35) $\frac{4}{12} \div \frac{1}{4} = 1\frac{1}{3}$
36) $\frac{1}{2} \div \frac{2}{3} = \frac{3}{4}$
37) $\frac{6}{12} \div \frac{3}{6} = 1$
38) $\frac{3}{4} \div \frac{3}{4} = 1$
39) $\frac{3}{6} \div \frac{3}{5} = \frac{5}{6}$
40) $\frac{2}{3} \div \frac{1}{6} = 4$
41) $\frac{2}{7} \div \frac{4}{5} = \frac{5}{14}$
42) $\frac{1}{6} \div \frac{4}{8} = \frac{1}{3}$
43) $\frac{11}{12} \div \frac{2}{3} = 1\frac{3}{8}$
44) $\frac{4}{5} \div \frac{2}{3} = 1\frac{1}{5}$
45) $\frac{2}{4} \div \frac{7}{8} = \frac{4}{7}$
46) $\frac{1}{4} \div \frac{1}{4} = 1$
47) $\frac{4}{9} \div \frac{5}{6} = \frac{8}{15}$
48) $\frac{7}{8} \div \frac{5}{8} = 1\frac{2}{5}$
49) $\frac{1}{7} \div \frac{4}{6} = \frac{3}{14}$
50) $\frac{2}{3} \div \frac{2}{5} = 1\frac{2}{3}$
51) $\frac{7}{12} \div \frac{1}{4} = 2\frac{1}{3}$
52) $\frac{1}{2} \div \frac{4}{8} = 1$
53) $\frac{3}{7} \div \frac{3}{4} = \frac{4}{7}$
54) $\frac{3}{10} \div \frac{2}{5} = \frac{3}{4}$
55) $\frac{3}{4} \div \frac{2}{6} = 2\frac{1}{4}$
56) $\frac{2}{6} \div \frac{1}{3} = 1$
57) $\frac{4}{5} \div \frac{5}{8} = 1\frac{7}{25}$
58) $\frac{3}{9} \div \frac{1}{4} = 1\frac{1}{3}$
59) $\frac{9}{10} \div \frac{3}{5} = 1\frac{1}{2}$
60) $\frac{2}{3} \div \frac{3}{8} = 1\frac{7}{9}$

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Fractions Multiplication 1

Find the product. Express in lowest terms.

1) $\frac{7}{12} \times \frac{10}{12} = \frac{35}{72}$
2) $\frac{2}{7} \times \frac{1}{7} = \frac{2}{49}$
3) $\frac{10}{11} \times \frac{6}{11} = \frac{60}{121}$
4) $\frac{7}{10} \times \frac{3}{10} = \frac{21}{100}$
5) $\frac{3}{6} \times \frac{3}{6} = \frac{1}{4}$
6) $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$
7) $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
8) $\frac{7}{8} \times \frac{2}{8} = \frac{7}{32}$
9) $\frac{8}{9} \times \frac{2}{9} = \frac{16}{81}$
10) $\frac{4}{5} \times \frac{2}{5} = \frac{8}{25}$
11) $\frac{3}{12} \times \frac{5}{12} = \frac{5}{48}$
12) $\frac{1}{3} \times \frac{2}{3} = \frac{2}{9}$
13) $\frac{6}{7} \times \frac{3}{7} = \frac{18}{49}$
14) $\frac{6}{7} \times \frac{6}{7} = \frac{36}{49}$
15) $\frac{2}{3} \times \frac{2}{3} = \frac{4}{9}$
16) $\frac{6}{10} \times \frac{2}{10} = \frac{3}{25}$
17) $\frac{1}{6} \times \frac{5}{6} = \frac{5}{36}$
18) $\frac{8}{12} \times \frac{1}{12} = \frac{1}{18}$
19) $\frac{5}{8} \times \frac{4}{8} = \frac{5}{16}$
20) $\frac{3}{4} \times \frac{1}{4} = \frac{3}{16}$
21) $\frac{7}{11} \times \frac{7}{11} = \frac{49}{121}$
22) $\frac{2}{9} \times \frac{3}{9} = \frac{2}{27}$
23) $\frac{4}{8} \times \frac{6}{8} = \frac{3}{8}$
24) $\frac{5}{7} \times \frac{5}{7} = \frac{25}{49}$
25) $\frac{4}{6} \times \frac{3}{6} = \frac{1}{3}$
26) $\frac{1}{5} \times \frac{3}{5} = \frac{3}{25}$
27) $\frac{7}{11} \times \frac{8}{11} = \frac{56}{121}$
28) $\frac{8}{12} \times \frac{9}{12} = \frac{1}{2}$
29) $\frac{3}{9} \times \frac{3}{9} = \frac{1}{9}$
30) $\frac{2}{10} \times \frac{1}{10} = \frac{1}{50}$
31) $\frac{4}{8} \times \frac{7}{8} = \frac{7}{16}$
32) $\frac{4}{6} \times \frac{1}{6} = \frac{1}{9}$
33) $\frac{2}{9} \times \frac{6}{9} = \frac{4}{27}$
34) $\frac{4}{11} \times \frac{9}{11} = \frac{36}{121}$
35) $\frac{6}{10} \times \frac{6}{10} = \frac{9}{25}$
36) $\frac{8}{12} \times \frac{11}{12} = \frac{11}{18}$
37) $\frac{4}{5} \times \frac{4}{5} = \frac{16}{25}$
38) $\frac{2}{7} \times \frac{2}{7} = \frac{4}{49}$
39) $\frac{1}{6} \times \frac{1}{6} = \frac{1}{36}$
40) $\frac{2}{4} \times \frac{3}{4} = \frac{3}{8}$
41) $\frac{2}{7} \times \frac{6}{7} = \frac{12}{49}$
42) $\frac{3}{11} \times \frac{10}{11} = \frac{30}{121}$
43) $\frac{1}{5} \times \frac{2}{5} = \frac{2}{25}$
44) $\frac{1}{8} \times \frac{4}{8} = \frac{1}{16}$
45) $\frac{11}{12} \times \frac{7}{12} = \frac{77}{144}$
46) $\frac{6}{10} \times \frac{5}{10} = \frac{3}{10}$
47) $\frac{2}{9} \times \frac{7}{9} = \frac{14}{81}$
48) $\frac{2}{6} \times \frac{5}{6} = \frac{5}{18}$
49) $\frac{1}{8} \times \frac{2}{8} = \frac{1}{32}$
50) $\frac{1}{11} \times \frac{5}{11} = \frac{5}{121}$
51) $\frac{5}{10} \times \frac{3}{10} = \frac{3}{20}$
52) $\frac{2}{3} \times \frac{1}{3} = \frac{2}{9}$
53) $\frac{3}{7} \times \frac{3}{7} = \frac{9}{49}$
54) $\frac{5}{9} \times \frac{8}{9} = \frac{40}{81}$
55) $\frac{10}{12} \times \frac{7}{12} = \frac{35}{72}$
56) $\frac{1}{5} \times \frac{1}{5} = \frac{1}{25}$
57) $\frac{5}{10} \times \frac{9}{10} = \frac{9}{20}$
58) $\frac{9}{12} \times \frac{2}{12} = \frac{1}{8}$
59) $\frac{1}{7} \times \frac{6}{7} = \frac{6}{49}$
60) $\frac{1}{11} \times \frac{4}{11} = \frac{4}{121}$

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Fractions Multiplication 2

Find the product. Express in lowest terms.

1) $\frac{8}{11} \times \frac{2}{4} = \frac{4}{11}$
2) $\frac{5}{10} \times \frac{3}{11} = \frac{3}{22}$
3) $\frac{2}{4} \times \frac{7}{9} = \frac{7}{18}$
4) $\frac{4}{7} \times \frac{5}{12} = \frac{5}{21}$
5) $\frac{2}{8} \times \frac{1}{10} = \frac{1}{40}$
6) $\frac{3}{5} \times \frac{10}{11} = \frac{6}{11}$
7) $\frac{5}{12} \times \frac{2}{4} = \frac{5}{24}$
8) $\frac{1}{11} \times \frac{2}{5} = \frac{2}{55}$
9) $\frac{2}{4} \times \frac{1}{12} = \frac{1}{24}$
10) $\frac{2}{7} \times \frac{3}{6} = \frac{1}{7}$
11) $\frac{1}{11} \times \frac{1}{6} = \frac{1}{66}$
12) $\frac{1}{4} \times \frac{4}{9} = \frac{1}{9}$
13) $\frac{1}{6} \times \frac{1}{3} = \frac{1}{18}$
14) $\frac{1}{5} \times \frac{1}{2} = \frac{1}{10}$
15) $\frac{4}{7} \times \frac{9}{11} = \frac{36}{77}$
16) $\frac{4}{10} \times \frac{1}{11} = \frac{2}{55}$
17) $\frac{3}{8} \times \frac{3}{10} = \frac{9}{80}$
18) $\frac{1}{5} \times \frac{5}{7} = \frac{1}{7}$
19) $\frac{1}{2} \times \frac{7}{12} = \frac{7}{24}$
20) $\frac{2}{4} \times \frac{7}{8} = \frac{7}{16}$
21) $\frac{10}{11} \times \frac{7}{9} = \frac{70}{99}$
22) $\frac{3}{8} \times \frac{7}{8} = \frac{21}{64}$
23) $\frac{2}{8} \times \frac{4}{7} = \frac{1}{7}$
24) $\frac{2}{3} \times \frac{2}{6} = \frac{2}{9}$
25) $\frac{2}{4} \times \frac{2}{4} = \frac{1}{4}$
26) $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
27) $\frac{2}{10} \times \frac{10}{11} = \frac{2}{11}$
28) $\frac{7}{10} \times \frac{4}{7} = \frac{2}{5}$
29) $\frac{4}{8} \times \frac{1}{11} = \frac{1}{22}$
30) $\frac{1}{7} \times \frac{11}{12} = \frac{11}{84}$
31) $\frac{4}{6} \times \frac{1}{3} = \frac{2}{9}$
32) $\frac{1}{2} \times \frac{2}{4} = \frac{1}{4}$
33) $\frac{2}{3} \times \frac{5}{9} = \frac{10}{27}$
34) $\frac{3}{6} \times \frac{1}{10} = \frac{1}{20}$
35) $\frac{4}{11} \times \frac{5}{12} = \frac{5}{33}$
36) $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$
37) $\frac{6}{9} \times \frac{2}{5} = \frac{4}{15}$
38) $\frac{6}{12} \times \frac{2}{7} = \frac{1}{7}$
39) $\frac{5}{6} \times \frac{2}{6} = \frac{5}{18}$
40) $\frac{2}{11} \times \frac{1}{2} = \frac{1}{11}$
41) $\frac{8}{10} \times \frac{9}{11} = \frac{36}{55}$
42) $\frac{1}{7} \times \frac{2}{8} = \frac{1}{28}$
43) $\frac{3}{4} \times \frac{7}{9} = \frac{7}{12}$
44) $\frac{4}{5} \times \frac{3}{6} = \frac{2}{5}$
45) $\frac{6}{10} \times \frac{7}{12} = \frac{7}{20}$
46) $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$
47) $\frac{6}{12} \times \frac{1}{3} = \frac{1}{6}$
48) $\frac{1}{5} \times \frac{8}{9} = \frac{8}{45}$
49) $\frac{1}{2} \times \frac{6}{7} = \frac{3}{7}$
50) $\frac{2}{7} \times \frac{7}{11} = \frac{2}{11}$
51) $\frac{1}{5} \times \frac{2}{3} = \frac{2}{15}$
52) $\frac{5}{6} \times \frac{2}{9} = \frac{5}{27}$
53) $\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$
54) $\frac{3}{4} \times \frac{6}{8} = \frac{9}{16}$
55) $\frac{5}{10} \times \frac{2}{4} = \frac{1}{4}$
56) $\frac{8}{11} \times \frac{2}{5} = \frac{16}{55}$
57) $\frac{8}{9} \times \frac{4}{8} = \frac{4}{9}$
58) $\frac{1}{12} \times \frac{1}{2} = \frac{1}{24}$
59) $\frac{5}{8} \times \frac{6}{7} = \frac{15}{28}$
60) $\frac{7}{10} \times \frac{2}{11} = \frac{7}{55}$

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Fractions Subtraction 1

Find the difference. Express in lowest terms.

1) $\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$
2) $\frac{11}{12} - \frac{10}{12} = \frac{1}{12}$
3) $\frac{6}{7} - \frac{5}{7} = \frac{1}{7}$
4) $\frac{10}{11} - \frac{9}{11} = \frac{1}{11}$
5) $\frac{8}{10} - \frac{7}{10} = \frac{1}{10}$
6) $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$
7) $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$
8) $\frac{5}{9} - \frac{2}{9} = \frac{1}{3}$
9) $\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$
10) $\frac{6}{8} - \frac{3}{8} = \frac{3}{8}$
11) $\frac{10}{12} - \frac{9}{12} = \frac{1}{12}$
12) $\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$
13) $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$
14) $\frac{6}{7} - \frac{1}{7} = \frac{5}{7}$
15) $\frac{7}{9} - \frac{5}{9} = \frac{2}{9}$
16) $\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$
17) $\frac{4}{10} - \frac{3}{10} = \frac{1}{10}$
18) $\frac{5}{8} - \frac{3}{8} = \frac{1}{4}$
19) $\frac{3}{6} - \frac{1}{6} = \frac{1}{3}$
20) $\frac{9}{11} - \frac{5}{11} = \frac{4}{11}$
21) $\frac{7}{8} - \frac{5}{8} = \frac{1}{4}$
22) $\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$
23) $\frac{8}{10} - \frac{5}{10} = \frac{3}{10}$
24) $\frac{4}{12} - \frac{3}{12} = \frac{1}{12}$
25) $\frac{6}{11} - \frac{5}{11} = \frac{1}{11}$
26) $\frac{8}{9} - \frac{1}{9} = \frac{7}{9}$
27) $\frac{8}{12} - \frac{7}{12} = \frac{1}{12}$
28) $\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$
29) $\frac{8}{11} - \frac{5}{11} = \frac{3}{11}$
30) $\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$
31) $\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$
32) $\frac{9}{10} - \frac{7}{10} = \frac{1}{5}$
33) $\frac{8}{9} - \frac{5}{9} = \frac{1}{3}$
34) $\frac{5}{9} - \frac{3}{9} = \frac{2}{9}$
35) $\frac{9}{12} - \frac{4}{12} = \frac{5}{12}$
36) $\frac{8}{10} - \frac{1}{10} = \frac{7}{10}$
37) $\frac{2}{7} - \frac{1}{7} = \frac{1}{7}$
38) $\frac{10}{12} - \frac{8}{12} = \frac{1}{6}$
39) $\frac{3}{5} - \frac{2}{5} = \frac{1}{5}$
40) $\frac{6}{8} - \frac{4}{8} = \frac{1}{4}$
41) $\frac{7}{11} - \frac{1}{11} = \frac{6}{11}$
42) $\frac{7}{9} - \frac{6}{9} = \frac{1}{9}$
43) $\frac{10}{12} - \frac{4}{12} = \frac{1}{2}$
44) $\frac{3}{9} - \frac{1}{9} = \frac{2}{9}$
45) $\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$
46) $\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$
47) $\frac{5}{6} - \frac{3}{6} = \frac{1}{3}$
48) $\frac{10}{11} - \frac{7}{11} = \frac{3}{11}$
49) $\frac{5}{12} - \frac{1}{12} = \frac{1}{3}$
50) $\frac{3}{4} - \frac{1}{4} = \frac{1}{2}$
51) $\frac{7}{10} - \frac{6}{10} = \frac{1}{10}$
52) $\frac{6}{7} - \frac{3}{7} = \frac{3}{7}$
53) $\frac{7}{11} - \frac{3}{11} = \frac{4}{11}$
54) $\frac{8}{10} - \frac{3}{10} = \frac{1}{2}$
55) $\frac{9}{11} - \frac{2}{11} = \frac{7}{11}$
56) $\frac{6}{12} - \frac{5}{12} = \frac{1}{12}$
57) $\frac{5}{8} - \frac{1}{8} = \frac{1}{2}$
58) $\frac{7}{9} - \frac{4}{9} = \frac{1}{3}$
59) $\frac{8}{12} - \frac{2}{12} = \frac{1}{2}$
60) $\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$

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Fractions Subtraction 2

Find the difference. Express in lowest terms.

1) $\frac{5}{10} - \frac{5}{11} = \frac{1}{22}$
2) $\frac{6}{7} - \frac{2}{3} = \frac{4}{21}$
3) $\frac{11}{12} - \frac{8}{12} = \frac{1}{4}$
4) $\frac{8}{11} - \frac{3}{6} = \frac{5}{22}$
5) $\frac{6}{8} - \frac{1}{6} = \frac{7}{12}$
6) $\frac{4}{7} - \frac{5}{12} = \frac{13}{84}$
7) $\frac{2}{3} - \frac{2}{5} = \frac{4}{15}$
8) $\frac{8}{12} - \frac{6}{11} = \frac{4}{33}$
9) $\frac{3}{4} - \frac{1}{9} = \frac{23}{36}$
10) $\frac{7}{9} - \frac{7}{10} = \frac{7}{90}$
11) $\frac{8}{10} - \frac{1}{2} = \frac{3}{10}$
12) $\frac{2}{3} - \frac{5}{8} = \frac{1}{24}$
13) $\frac{5}{7} - \frac{4}{7} = \frac{1}{7}$
14) $\frac{6}{11} - \frac{1}{4} = \frac{13}{44}$
15) $\frac{2}{8} - \frac{2}{12} = \frac{1}{12}$
16) $\frac{7}{10} - \frac{1}{3} = \frac{11}{30}$
17) $\frac{2}{9} - \frac{2}{10} = \frac{1}{45}$
18) $\frac{6}{7} - \frac{1}{6} = \frac{29}{42}$
19) $\frac{7}{9} - \frac{1}{2} = \frac{5}{18}$
20) $\frac{3}{6} - \frac{1}{3} = \frac{1}{6}$
21) $\frac{3}{4} - \frac{3}{11} = \frac{21}{44}$
22) $\frac{7}{11} - \frac{1}{7} = \frac{38}{77}$
23) $\frac{3}{4} - \frac{2}{11} = \frac{25}{44}$
24) $\frac{1}{2} - \frac{3}{9} = \frac{1}{6}$
25) $\frac{2}{7} - \frac{1}{11} = \frac{15}{77}$
26) $\frac{8}{9} - \frac{5}{9} = \frac{1}{3}$
27) $\frac{4}{5} - \frac{1}{6} = \frac{19}{30}$
28) $\frac{7}{11} - \frac{2}{4} = \frac{3}{22}$
29) $\frac{10}{11} - \frac{2}{6} = \frac{19}{33}$
30) $\frac{2}{4} - \frac{1}{5} = \frac{3}{10}$
31) $\frac{6}{8} - \frac{4}{12} = \frac{5}{12}$
32) $\frac{5}{6} - \frac{5}{7} = \frac{5}{42}$
33) $\frac{4}{6} - \frac{1}{11} = \frac{19}{33}$
34) $\frac{1}{2} - \frac{1}{11} = \frac{9}{22}$
35) $\frac{5}{6} - \frac{2}{11} = \frac{43}{66}$
36) $\frac{9}{10} - \frac{10}{12} = \frac{1}{15}$
37) $\frac{5}{10} - \frac{4}{12} = \frac{1}{6}$
38) $\frac{2}{11} - \frac{1}{6} = \frac{1}{66}$
39) $\frac{4}{5} - \frac{1}{2} = \frac{3}{10}$
40) $\frac{8}{9} - \frac{4}{7} = \frac{20}{63}$
41) $\frac{4}{6} - \frac{1}{2} = \frac{1}{6}$
42) $\frac{7}{11} - \frac{3}{10} = \frac{37}{110}$
43) $\frac{6}{9} - \frac{5}{12} = \frac{1}{4}$
44) $\frac{7}{10} - \frac{5}{8} = \frac{3}{40}$
45) $\frac{3}{5} - \frac{1}{2} = \frac{1}{10}$
46) $\frac{8}{9} - \frac{3}{5} = \frac{13}{45}$
47) $\frac{2}{6} - \frac{1}{4} = \frac{1}{12}$
48) $\frac{7}{8} - \frac{1}{3} = \frac{13}{24}$
49) $\frac{1}{2} - \frac{1}{9} = \frac{7}{18}$
50) $\frac{6}{7} - \frac{2}{12} = \frac{29}{42}$
51) $\frac{11}{12} - \frac{2}{11} = \frac{97}{132}$
52) $\frac{2}{4} - \frac{1}{10} = \frac{2}{5}$
53) $\frac{8}{11} - \frac{5}{12} = \frac{41}{132}$
54) $\frac{7}{8} - \frac{2}{3} = \frac{5}{24}$
55) $\frac{8}{10} - \frac{4}{6} = \frac{2}{15}$
56) $\frac{9}{12} - \frac{5}{8} = \frac{1}{8}$
57) $\frac{7}{8} - \frac{4}{7} = \frac{17}{56}$
58) $\frac{5}{6} - \frac{1}{2} = \frac{1}{3}$
59) $\frac{2}{3} - \frac{1}{5} = \frac{7}{15}$
60) $\frac{11}{12} - \frac{7}{9} = \frac{5}{36}$

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Fractions: Multiple Operations

Find the solution.

1) $\frac{8}{9} + \frac{2}{7} + \frac{2}{3} + \frac{1}{2} = 2\frac{43}{126}$

2) $\frac{1}{3} \times \frac{4}{5} \times \frac{1}{2} = \frac{2}{15}$

3) $(\frac{8}{10} + \frac{2}{6}) - (\frac{3}{12} \times \frac{11}{12}) = \frac{217}{240}$

4) $\frac{7}{9} + \frac{1}{6} + \frac{2}{3} = 1\frac{11}{18}$

5) $(\frac{4}{11} \times \frac{11}{12}) + (\frac{1}{2} \times \frac{6}{12}) = \frac{7}{12}$

6) $(\frac{1}{2} \times \frac{3}{8}) + (\frac{1}{2} \times \frac{6}{7}) = \frac{69}{112}$

7) $(\frac{3}{6} + \frac{1}{2}) - (\frac{3}{8} \times \frac{1}{4}) = \frac{29}{32}$

8) $\frac{2}{3} + \frac{1}{3} + \frac{6}{7} + \frac{3}{7} = 2\frac{2}{7}$

9) $\frac{1}{3} + \frac{2}{5} + 2 = 2\frac{11}{15}$

10) $\frac{4}{12} + \frac{2}{5} + 11 = 11\frac{11}{15}$

11) $\frac{1}{2} + \frac{3}{8} + \frac{1}{2} + \frac{4}{7} = 1\frac{53}{56}$

12) $\frac{2}{6} + \frac{1}{2} - \frac{4}{12} = \frac{1}{2}$

13) $\frac{1}{5} + \frac{1}{3} - \frac{1}{4} = \frac{17}{60}$

14) $(\frac{1}{5} + \frac{1}{3}) \times (\frac{2}{7} + \frac{1}{10}) = \frac{36}{175}$

15) $\frac{1}{2} + \frac{2}{8} - \frac{4}{5} = \frac{-1}{20}$

16) $(\frac{5}{12} + \frac{1}{2}) - (\frac{1}{4} \times \frac{6}{8}) = \frac{35}{48}$

17) $\frac{3}{5} + \frac{1}{11} + \frac{1}{2} + \frac{1}{8} = 1\frac{139}{440}$

18) $(\frac{2}{7} \times \frac{6}{7}) + (\frac{5}{7} \times \frac{5}{6}) = \frac{247}{294}$

19) $(\frac{1}{3} + \frac{1}{2}) \times (\frac{6}{8} + \frac{1}{8}) = \frac{35}{48}$

20) $\frac{3}{6} + \frac{7}{11} + \frac{1}{10} + \frac{4}{9} = 1\frac{337}{495}$

21) $(\frac{1}{8} \times \frac{1}{5}) + (\frac{2}{5} \times \frac{5}{9}) = \frac{89}{360}$

22) $(\frac{2}{4} + \frac{1}{6}) \times (\frac{2}{6} + \frac{2}{10}) = \frac{16}{45}$

23) $\frac{2}{6} \times \frac{8}{9} + \frac{4}{5} = 1\frac{13}{135}$

24) $\frac{7}{8} + \frac{2}{6} + \frac{2}{4} + \frac{2}{4} = 2\frac{5}{24}$

25) $\frac{1}{3} \times \frac{4}{9} + \frac{2}{9} = \frac{10}{27}$

26) $\frac{4}{6} \times \frac{1}{4} \times \frac{4}{6} = \frac{1}{9}$

27) $(\frac{2}{5} \times \frac{1}{4}) + (\frac{1}{5} \times \frac{5}{10}) = \frac{1}{5}$

28) $\frac{3}{10} \times \frac{2}{4} + \frac{2}{4} = \frac{13}{20}$

29) $\frac{2}{7} \times \frac{2}{5} + \frac{5}{7} = \frac{29}{35}$

30) $\frac{2}{5} \times \frac{2}{4} + \frac{7}{9} = \frac{44}{45}$

31) $\frac{8}{11} + \frac{1}{3} - \frac{10}{12} = \frac{5}{22}$

32) $(\frac{3}{5} + \frac{4}{10}) \times (\frac{3}{6} + \frac{7}{9}) = 1\frac{5}{18}$

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Mixed Numbers and Improper Fractions 1

Convert the mixed numerals to improper fractions.

1) $4\frac{2}{6} = \frac{13}{3}$
2) $1\frac{8}{9} = \frac{17}{9}$
3) $3\frac{7}{8} = \frac{31}{8}$
4) $5\frac{1}{2} = \frac{11}{2}$
5) $9\frac{2}{3} = \frac{29}{3}$
6) $7\frac{3}{4} = \frac{31}{4}$
7) $9\frac{1}{5} = \frac{46}{5}$
8) $3\frac{1}{2} = \frac{7}{2}$
9) $3\frac{2}{7} = \frac{23}{7}$
10) $8\frac{5}{8} = \frac{69}{8}$
11) $3\frac{5}{6} = \frac{23}{6}$
12) $3\frac{8}{9} = \frac{35}{9}$
13) $9\frac{1}{2} = \frac{19}{2}$
14) $6\frac{1}{7} = \frac{43}{7}$
15) $7\frac{2}{8} = \frac{29}{4}$
16) $6\frac{8}{9} = \frac{62}{9}$
17) $7\frac{4}{11} = \frac{81}{11}$
18) $7\frac{1}{4} = \frac{29}{4}$
19) $3\frac{3}{7} = \frac{24}{7}$
20) $6\frac{7}{9} = \frac{61}{9}$
21) $8\frac{1}{5} = \frac{41}{5}$
22) $2\frac{1}{3} = \frac{7}{3}$
23) $6\frac{1}{2} = \frac{13}{2}$
24) $5\frac{1}{10} = \frac{51}{10}$
25) $3\frac{1}{6} = \frac{19}{6}$
26) $7\frac{3}{6} = \frac{15}{2}$
27) $1\frac{2}{11} = \frac{13}{11}$
28) $1\frac{2}{3} = \frac{5}{3}$
29) $8\frac{8}{10} = \frac{44}{5}$
30) $1\frac{9}{12} = \frac{7}{4}$
31) $4\frac{1}{11} = \frac{45}{11}$
32) $3\frac{4}{8} = \frac{7}{2}$
33) $5\frac{5}{6} = \frac{35}{6}$
34) $6\frac{5}{10} = \frac{13}{2}$
35) $3\frac{3}{4} = \frac{15}{4}$
36) $2\frac{2}{4} = \frac{5}{2}$
37) $1\frac{8}{11} = \frac{19}{11}$
38) $6\frac{9}{12} = \frac{27}{4}$
39) $1\frac{3}{6} = \frac{3}{2}$
40) $9\frac{4}{6} = \frac{29}{3}$
41) $2\frac{4}{9} = \frac{22}{9}$
42) $7\frac{6}{10} = \frac{38}{5}$
43) $3\frac{2}{8} = \frac{13}{4}$
44) $4\frac{1}{2} = \frac{9}{2}$
45) $3\frac{10}{12} = \frac{23}{6}$
46) $9\frac{2}{7} = \frac{65}{7}$
47) $8\frac{1}{10} = \frac{81}{10}$
48) $9\frac{1}{6} = \frac{55}{6}$
49) $6\frac{7}{12} = \frac{79}{12}$
50) $5\frac{6}{8} = \frac{23}{4}$
51) $7\frac{2}{3} = \frac{23}{3}$
52) $4\frac{3}{6} = \frac{9}{2}$
53) $1\frac{3}{9} = \frac{4}{3}$
54) $8\frac{1}{2} = \frac{17}{2}$
55) $2\frac{2}{7} = \frac{16}{7}$
56) $7\frac{7}{11} = \frac{84}{11}$
57) $9\frac{3}{4} = \frac{39}{4}$
58) $6\frac{4}{9} = \frac{58}{9}$
59) $2\frac{5}{6} = \frac{17}{6}$
60) $5\frac{2}{5} = \frac{27}{5}$
61) $6\frac{8}{10} = \frac{34}{5}$
62) $8\frac{5}{9} = \frac{77}{9}$
63) $8\frac{1}{3} = \frac{25}{3}$
64) $3\frac{1}{4} = \frac{13}{4}$
65) $9\frac{1}{3} = \frac{28}{3}$
66) $1\frac{1}{2} = \frac{3}{2}$
67) $7\frac{3}{5} = \frac{38}{5}$
68) $6\frac{1}{6} = \frac{37}{6}$
69) $1\frac{1}{12} = \frac{13}{12}$
70) $4\frac{6}{8} = \frac{19}{4}$
71) $9\frac{1}{7} = \frac{64}{7}$
72) $6\frac{4}{5} = \frac{34}{5}$
73) $4\frac{1}{9} = \frac{37}{9}$
74) $9\frac{2}{11} = \frac{101}{11}$
75) $5\frac{4}{10} = \frac{27}{5}$

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Mixed Numbers and Improper Fractions 2

Convert the improper fractions to mixed numerals.

1) $\frac{53}{11} = 4\frac{9}{11}$
2) $\frac{66}{8} = 8\frac{1}{4}$
3) $\frac{57}{6} = 9\frac{1}{2}$
4) $\frac{70}{9} = 7\frac{7}{9}$
5) $\frac{48}{5} = 9\frac{3}{5}$

6) $\frac{14}{4} = 3\frac{1}{2}$
7) $\frac{5}{2} = 2\frac{1}{2}$
8) $\frac{20}{7} = 2\frac{6}{7}$
9) $\frac{27}{4} = 6\frac{3}{4}$
10) $\frac{7}{2} = 3\frac{1}{2}$

11) $\frac{52}{9} = 5\frac{7}{9}$
12) $\frac{16}{3} = 5\frac{1}{3}$
13) $\frac{15}{12} = 1\frac{1}{4}$
14) $\frac{41}{8} = 5\frac{1}{8}$
15) $\frac{107}{12} = 8\frac{11}{12}$

16) $\frac{21}{6} = 3\frac{1}{2}$
17) $\frac{59}{10} = 5\frac{9}{10}$
18) $\frac{19}{2} = 9\frac{1}{2}$
19) $\frac{68}{9} = 7\frac{5}{9}$
20) $\frac{43}{6} = 7\frac{1}{6}$

21) $\frac{58}{11} = 5\frac{3}{11}$
22) $\frac{14}{5} = 2\frac{4}{5}$
23) $\frac{38}{7} = 5\frac{3}{7}$
24) $\frac{35}{4} = 8\frac{3}{4}$
25) $\frac{90}{12} = 7\frac{1}{2}$

26) $\frac{97}{11} = 8\frac{9}{11}$
27) $\frac{43}{5} = 8\frac{3}{5}$
28) $\frac{46}{12} = 3\frac{5}{6}$
29) $\frac{16}{6} = 2\frac{2}{3}$
30) $\frac{20}{12} = 1\frac{2}{3}$

31) $\frac{109}{11} = 9\frac{10}{11}$
32) $\frac{30}{8} = 3\frac{3}{4}$
33) $\frac{21}{9} = 2\frac{1}{3}$
34) $\frac{38}{4} = 9\frac{1}{2}$
35) $\frac{21}{10} = 2\frac{1}{10}$

36) $\frac{16}{7} = 2\frac{2}{7}$
37) $\frac{60}{9} = 6\frac{2}{3}$
38) $\frac{22}{4} = 5\frac{1}{2}$
39) $\frac{14}{3} = 4\frac{2}{3}$
40) $\frac{27}{6} = 4\frac{1}{2}$

41) $\frac{26}{5} = 5\frac{1}{5}$
42) $\frac{56}{10} = 5\frac{3}{5}$
43) $\frac{3}{2} = 1\frac{1}{2}$
44) $\frac{47}{8} = 5\frac{7}{8}$
45) $\frac{59}{12} = 4\frac{11}{12}$

46) $\frac{29}{3} = 9\frac{2}{3}$
47) $\frac{42}{10} = 4\frac{1}{5}$
48) $\frac{47}{7} = 6\frac{5}{7}$
49) $\frac{75}{9} = 8\frac{1}{3}$
50) $\frac{17}{5} = 3\frac{2}{5}$

51) $\frac{86}{10} = 8\frac{3}{5}$
52) $\frac{53}{8} = 6\frac{5}{8}$
53) $\frac{49}{11} = 4\frac{5}{11}$
54) $\frac{13}{3} = 4\frac{1}{3}$
55) $\frac{46}{9} = 5\frac{1}{9}$

56) $\frac{39}{11} = 3\frac{6}{11}$
57) $\frac{99}{12} = 8\frac{1}{4}$
58) $\frac{29}{4} = 7\frac{1}{4}$
59) $\frac{26}{6} = 4\frac{1}{3}$
60) $\frac{85}{10} = 8\frac{1}{2}$

61) $\frac{17}{3} = 5\frac{2}{3}$
62) $\frac{89}{11} = 8\frac{1}{11}$
63) $\frac{4}{3} = 1\frac{1}{3}$
64) $\frac{29}{6} = 4\frac{5}{6}$
65) $\frac{12}{8} = 1\frac{1}{2}$

66) $\frac{41}{7} = 5\frac{6}{7}$
67) $\frac{64}{11} = 5\frac{9}{11}$
68) $\frac{78}{12} = 6\frac{1}{2}$
69) $\frac{20}{3} = 6\frac{2}{3}$
70) $\frac{61}{8} = 7\frac{5}{8}$

71) $\frac{47}{10} = 4\frac{7}{10}$
72) $\frac{31}{6} = 5\frac{1}{6}$
73) $\frac{40}{6} = 6\frac{2}{3}$
74) $\frac{22}{3} = 7\frac{1}{3}$
75) $\frac{28}{5} = 5\frac{3}{5}$

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Mixed Numbers and Improper Fractions 3

Convert the improper fractions to mixed numerals and the mixed numerals to improper fractions.

1) $\frac{76}{9} = 8\frac{4}{9}$
2) $2\frac{2}{4} = \frac{5}{2}$
3) $3\frac{2}{10} = \frac{16}{5}$
4) $7\frac{7}{11} = \frac{84}{11}$
5) $\frac{51}{9} = 5\frac{2}{3}$
6) $\frac{23}{3} = 7\frac{2}{3}$
7) $4\frac{2}{4} = \frac{9}{2}$
8) $\frac{44}{5} = 8\frac{4}{5}$
9) $8\frac{1}{10} = \frac{81}{10}$
10) $\frac{32}{6} = 5\frac{1}{3}$
11) $3\frac{2}{9} = \frac{29}{9}$
12) $5\frac{5}{12} = \frac{65}{12}$
13) $\frac{56}{11} = 5\frac{1}{11}$
14) $7\frac{2}{8} = \frac{29}{4}$
15) $\frac{35}{6} = 5\frac{5}{6}$
16) $2\frac{3}{9} = \frac{7}{3}$
17) $\frac{10}{3} = 3\frac{1}{3}$
18) $2\frac{11}{12} = \frac{35}{12}$
19) $8\frac{3}{5} = \frac{43}{5}$
20) $7\frac{5}{8} = \frac{61}{8}$
21) $4\frac{1}{2} = \frac{9}{2}$
22) $\frac{49}{5} = 9\frac{4}{5}$
23) $\frac{103}{12} = 8\frac{7}{12}$
24) $\frac{43}{9} = 4\frac{7}{9}$
25) $5\frac{1}{3} = \frac{16}{3}$
26) $\frac{15}{11} = 1\frac{4}{11}$
27) $2\frac{3}{8} = \frac{19}{8}$
28) $\frac{79}{12} = 6\frac{7}{12}$
29) $8\frac{7}{10} = \frac{87}{10}$
30) $1\frac{1}{3} = \frac{4}{3}$
31) $\frac{22}{4} = 5\frac{1}{2}$
32) $\frac{43}{12} = 3\frac{7}{12}$
33) $\frac{63}{10} = 6\frac{3}{10}$
34) $\frac{20}{7} = 2\frac{6}{7}$
35) $\frac{25}{11} = 2\frac{3}{11}$
36) $\frac{38}{8} = 4\frac{3}{4}$
37) $\frac{29}{3} = 9\frac{2}{3}$
38) $3\frac{7}{11} = \frac{40}{11}$
39) $6\frac{8}{9} = \frac{62}{9}$
40) $7\frac{8}{10} = \frac{39}{5}$
41) $7\frac{1}{2} = \frac{15}{2}$
42) $\frac{97}{11} = 8\frac{9}{11}$
43) $\frac{29}{10} = 2\frac{9}{10}$
44) $5\frac{4}{7} = \frac{39}{7}$
45) $1\frac{1}{4} = \frac{5}{4}$
46) $\frac{58}{9} = 6\frac{4}{9}$
47) $\frac{11}{4} = 2\frac{3}{4}$
48) $4\frac{2}{6} = \frac{13}{3}$
49) $5\frac{4}{9} = \frac{49}{9}$
50) $1\frac{2}{10} = \frac{6}{5}$
51) $\frac{72}{11} = 6\frac{6}{11}$
52) $9\frac{8}{9} = \frac{89}{9}$
53) $\frac{28}{3} = 9\frac{1}{3}$
54) $4\frac{10}{11} = \frac{54}{11}$
55) $3\frac{1}{5} = \frac{16}{5}$
56) $\frac{3}{2} = 1\frac{1}{2}$
57) $5\frac{3}{4} = \frac{23}{4}$
58) $7\frac{3}{4} = \frac{31}{4}$
59) $\frac{38}{5} = 7\frac{3}{5}$
60) $\frac{28}{8} = 3\frac{1}{2}$
61) $\frac{69}{9} = 7\frac{2}{3}$
62) $8\frac{11}{12} = \frac{107}{12}$
63) $5\frac{1}{2} = \frac{11}{2}$
64) $6\frac{2}{3} = \frac{20}{3}$
65) $4\frac{1}{5} = \frac{21}{5}$
66) $2\frac{2}{9} = \frac{20}{9}$
67) $8\frac{6}{12} = \frac{17}{2}$
68) $2\frac{2}{10} = \frac{11}{5}$
69) $5\frac{10}{11} = \frac{65}{11}$
70) $\frac{78}{9} = 8\frac{2}{3}$
71) $\frac{39}{6} = 6\frac{1}{2}$
72) $3\frac{8}{10} = \frac{19}{5}$
73) $\frac{38}{4} = 9\frac{1}{2}$
74) $2\frac{5}{9} = \frac{23}{9}$
75) $2\frac{6}{12} = \frac{5}{2}$

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Mixed Operations With Fractions Addition With Common Denominators

Calculate.

1) $5\frac{3}{12} + 1\frac{5}{12} = 6\frac{2}{3}$
2) $8\frac{1}{2} + 2\frac{1}{2} = 11$
3) $5\frac{3}{9} + 7\frac{7}{9} = 13\frac{1}{9}$
4) $2\frac{4}{8} + 1\frac{5}{8} = 4\frac{1}{8}$
5) $6\frac{7}{10} + 2\frac{1}{10} = 8\frac{4}{5}$
6) $6\frac{3}{5} + 8\frac{2}{5} = 15$
7) $8\frac{1}{3} + 7\frac{2}{3} = 16$
8) $9\frac{6}{7} + 8\frac{6}{7} = 18\frac{5}{7}$
9) $3\frac{6}{8} + 6\frac{3}{8} = 10\frac{1}{8}$
10) $1\frac{1}{6} + 7\frac{1}{6} = 8\frac{1}{3}$
11) $5\frac{1}{7} + 3\frac{2}{7} = 8\frac{3}{7}$
12) $2\frac{9}{10} + 2\frac{1}{10} = 5$
13) $3\frac{1}{2} + 3\frac{1}{2} = 7$
14) $7\frac{1}{4} + 9\frac{2}{4} = 16\frac{3}{4}$
15) $6\frac{2}{3} + 9\frac{1}{3} = 16$
16) $9\frac{2}{9} + 9\frac{6}{9} = 18\frac{8}{9}$
17) $7\frac{5}{11} + 4\frac{5}{11} = 11\frac{10}{11}$
18) $3\frac{7}{12} + 2\frac{10}{12} = 6\frac{5}{12}$
19) $1\frac{3}{5} + 6\frac{2}{5} = 8$
20) $7\frac{1}{11} + 3\frac{7}{11} = 10\frac{8}{11}$
21) $7\frac{2}{3} + 2\frac{2}{3} = 10\frac{1}{3}$
22) $6\frac{2}{8} + 8\frac{3}{8} = 14\frac{5}{8}$
23) $5\frac{5}{7} + 2\frac{1}{7} = 7\frac{6}{7}$
24) $2\frac{2}{12} + 9\frac{6}{12} = 11\frac{2}{3}$
25) $2\frac{2}{4} + 5\frac{3}{4} = 8\frac{1}{4}$
26) $7\frac{1}{2} + 5\frac{1}{2} = 13$
27) $7\frac{1}{9} + 4\frac{2}{9} = 11\frac{1}{3}$
28) $4\frac{8}{10} + 8\frac{3}{10} = 13\frac{1}{10}$
29) $8\frac{3}{6} + 9\frac{4}{6} = 18\frac{1}{6}$
30) $4\frac{1}{5} + 6\frac{4}{5} = 11$
31) $3\frac{1}{4} + 1\frac{1}{4} = 4\frac{1}{2}$
32) $5\frac{1}{2} + 4\frac{1}{2} = 10$
33) $4\frac{3}{12} + 1\frac{4}{12} = 5\frac{7}{12}$
34) $7\frac{10}{11} + 3\frac{2}{11} = 11\frac{1}{11}$
35) $5\frac{2}{3} + 5\frac{1}{3} = 11$
36) $7\frac{1}{5} + 9\frac{3}{5} = 16\frac{4}{5}$
37) $3\frac{3}{9} + 5\frac{2}{9} = 8\frac{5}{9}$
38) $5\frac{1}{8} + 5\frac{4}{8} = 10\frac{5}{8}$
39) $4\frac{3}{6} + 7\frac{4}{6} = 12\frac{1}{6}$
40) $5\frac{6}{10} + 5\frac{4}{10} = 11$
41) $6\frac{5}{7} + 9\frac{2}{7} = 16$
42) $7\frac{2}{3} + 5\frac{2}{3} = 13\frac{1}{3}$
43) $9\frac{2}{7} + 3\frac{6}{7} = 13\frac{1}{7}$
44) $7\frac{2}{8} + 7\frac{2}{8} = 14\frac{1}{2}$
45) $1\frac{4}{5} + 5\frac{1}{5} = 7$

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Mixed Operations With Fractions Subtraction With Common Denominators

Calculate.

1) $5\frac{1}{2} - 1\frac{1}{2} = 4$
2) $8\frac{2}{4} - 7\frac{3}{4} = \frac{3}{4}$
3) $3\frac{3}{8} - 3\frac{2}{8} = \frac{1}{8}$
4) $5\frac{4}{11} - 1\frac{9}{11} = 3\frac{6}{11}$
5) $8\frac{1}{10} - 1\frac{8}{10} = 6\frac{3}{10}$
6) $9\frac{1}{2} - 7\frac{1}{2} = 2$
7) $8\frac{2}{5} - 1\frac{4}{5} = 6\frac{3}{5}$
8) $9\frac{2}{7} - 6\frac{3}{7} = 2\frac{6}{7}$
9) $9\frac{1}{9} - 7\frac{3}{9} = 1\frac{7}{9}$
10) $8\frac{1}{3} - 5\frac{2}{3} = 2\frac{2}{3}$
11) $8\frac{10}{12} - 6\frac{11}{12} = 1\frac{11}{12}$
12) $8\frac{4}{6} - 3\frac{5}{6} = 4\frac{5}{6}$
13) $8\frac{6}{10} - 7\frac{8}{10} = \frac{4}{5}$
14) $9\frac{3}{6} - 6\frac{4}{6} = 2\frac{5}{6}$
15) $9\frac{1}{3} - 7\frac{2}{3} = 1\frac{2}{3}$
16) $2\frac{3}{9} - 1\frac{4}{9} = \frac{8}{9}$
17) $9\frac{8}{11} - 7\frac{9}{11} = 1\frac{10}{11}$
18) $9\frac{7}{12} - 2\frac{9}{12} = 6\frac{5}{6}$
19) $9\frac{1}{4} - 4\frac{3}{4} = 4\frac{1}{2}$
20) $7\frac{3}{5} - 5\frac{4}{5} = 1\frac{4}{5}$
21) $9\frac{2}{7} - 8\frac{4}{7} = \frac{5}{7}$
22) $9\frac{1}{2} - 6\frac{1}{2} = 3$
23) $9\frac{3}{8} - 6\frac{4}{8} = 2\frac{7}{8}$
24) $8\frac{5}{12} - 5\frac{10}{12} = 2\frac{7}{12}$
25) $8\frac{6}{9} - 5\frac{7}{9} = 2\frac{8}{9}$
26) $7\frac{4}{6} - 7\frac{3}{6} = \frac{1}{6}$
27) $4\frac{1}{5} - 1\frac{4}{5} = 2\frac{2}{5}$
28) $9\frac{2}{4} - 5\frac{3}{4} = 3\frac{3}{4}$
29) $9\frac{5}{7} - 8\frac{6}{7} = \frac{6}{7}$
30) $8\frac{1}{2} - 3\frac{1}{2} = 5$
31) $2\frac{1}{11} - 1\frac{4}{11} = \frac{8}{11}$
32) $9\frac{1}{8} - 7\frac{5}{8} = 1\frac{1}{2}$
33) $9\frac{1}{3} - 8\frac{2}{3} = \frac{2}{3}$
34) $3\frac{1}{10} - 2\frac{8}{10} = \frac{3}{10}$
35) $8\frac{3}{11} - 6\frac{10}{11} = 1\frac{4}{11}$
36) $6\frac{9}{10} - 6\frac{8}{10} = \frac{1}{10}$
37) $8\frac{1}{4} - 7\frac{3}{4} = \frac{1}{2}$
38) $9\frac{1}{6} - 8\frac{3}{6} = \frac{2}{3}$
39) $9\frac{2}{7} - 8\frac{6}{7} = \frac{3}{7}$
40) $9\frac{2}{5} - 8\frac{4}{5} = \frac{3}{5}$
41) $8\frac{7}{12} - 2\frac{8}{12} = 5\frac{11}{12}$
42) $7\frac{1}{3} - 1\frac{2}{3} = 5\frac{2}{3}$
43) $9\frac{3}{9} - 4\frac{5}{9} = 4\frac{7}{9}$
44) $9\frac{3}{8} - 8\frac{5}{8} = \frac{3}{4}$
45) $8\frac{3}{6} - 3\frac{5}{6} = 4\frac{2}{3}$
46) $8\frac{1}{2} - 7\frac{1}{2} = 1$
47) $8\frac{2}{4} - 1\frac{3}{4} = 6\frac{3}{4}$
48) $9\frac{1}{3} - 4\frac{2}{3} = 4\frac{2}{3}$
49) $6\frac{3}{10} - 5\frac{8}{10} = \frac{1}{2}$
50) $7\frac{1}{5} - 6\frac{4}{5} = \frac{2}{5}$
51) $9\frac{2}{12} - 4\frac{10}{12} = 4\frac{1}{3}$
52) $9\frac{4}{9} - 5\frac{7}{9} = 3\frac{2}{3}$
53) $5\frac{4}{8} - 3\frac{7}{8} = 1\frac{5}{8}$
54) $9\frac{2}{11} - 2\frac{7}{11} = 6\frac{6}{11}$
55) $5\frac{3}{7} - 3\frac{5}{7} = 1\frac{5}{7}$
56) $4\frac{4}{10} - 2\frac{9}{10} = 1\frac{1}{2}$

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Mixed Operations With Fractions Multiplication With Common Denominators

Calculate.

1) $5\frac{1}{2} \times 4\frac{1}{2} = 24\frac{3}{4}$
2) $3\frac{1}{6} \times 3\frac{2}{6} = 10\frac{5}{9}$
3) $1\frac{3}{11} \times 9\frac{8}{11} = 12\frac{46}{121}$
4) $9\frac{4}{8} \times 1\frac{4}{8} = 14\frac{1}{4}$
5) $9\frac{2}{4} \times 8\frac{3}{4} = 83\frac{1}{8}$
6) $4\frac{10}{12} \times 5\frac{7}{12} = 26\frac{71}{72}$
7) $2\frac{2}{10} \times 9\frac{1}{10} = 20\frac{1}{50}$
8) $9\frac{5}{9} \times 2\frac{3}{9} = 22\frac{8}{27}$
9) $1\frac{6}{11} \times 3\frac{10}{11} = 6\frac{5}{121}$
10) $3\frac{3}{4} \times 9\frac{2}{4} = 35\frac{5}{8}$
11) $4\frac{7}{8} \times 7\frac{3}{8} = 35\frac{61}{64}$
12) $9\frac{1}{2} \times 7\frac{1}{2} = 71\frac{1}{4}$
13) $9\frac{1}{9} \times 7\frac{1}{9} = 64\frac{64}{81}$
14) $4\frac{4}{7} \times 6\frac{1}{7} = 28\frac{4}{49}$
15) $5\frac{2}{6} \times 6\frac{2}{6} = 33\frac{7}{9}$
16) $1\frac{4}{12} \times 2\frac{10}{12} = 3\frac{7}{9}$
17) $4\frac{3}{5} \times 9\frac{3}{5} = 44\frac{4}{25}$
18) $5\frac{2}{10} \times 5\frac{1}{10} = 26\frac{13}{25}$
19) $2\frac{2}{3} \times 2\frac{2}{3} = 7\frac{1}{9}$
20) $5\frac{4}{7} \times 5\frac{3}{7} = 30\frac{12}{49}$
21) $9\frac{1}{11} \times 7\frac{3}{11} = 66\frac{14}{121}$
22) $2\frac{9}{10} \times 5\frac{5}{10} = 15\frac{19}{20}$
23) $6\frac{1}{2} \times 5\frac{1}{2} = 35\frac{3}{4}$
24) $6\frac{1}{3} \times 4\frac{1}{3} = 27\frac{4}{9}$
25) $4\frac{1}{4} \times 2\frac{1}{4} = 9\frac{9}{16}$
26) $1\frac{5}{6} \times 3\frac{3}{6} = 6\frac{5}{12}$
27) $5\frac{11}{12} \times 1\frac{2}{12} = 6\frac{65}{72}$
28) $1\frac{4}{8} \times 1\frac{1}{8} = 1\frac{11}{16}$
29) $9\frac{3}{9} \times 8\frac{4}{9} = 78\frac{22}{27}$
30) $2\frac{3}{5} \times 2\frac{4}{5} = 7\frac{7}{25}$
31) $9\frac{1}{4} \times 3\frac{3}{4} = 34\frac{11}{16}$
32) $2\frac{3}{6} \times 4\frac{4}{6} = 11\frac{2}{3}$
33) $8\frac{2}{11} \times 3\frac{4}{11} = 27\frac{63}{121}$
34) $5\frac{4}{9} \times 6\frac{6}{9} = 36\frac{8}{27}$
35) $7\frac{2}{3} \times 6\frac{1}{3} = 48\frac{5}{9}$
36) $6\frac{4}{12} \times 8\frac{7}{12} = 54\frac{13}{36}$
37) $9\frac{4}{5} \times 3\frac{3}{5} = 35\frac{7}{25}$
38) $1\frac{1}{7} \times 9\frac{2}{7} = 10\frac{30}{49}$
39) $5\frac{1}{10} \times 2\frac{8}{10} = 14\frac{7}{25}$
40) $3\frac{1}{2} \times 9\frac{1}{2} = 33\frac{1}{4}$
41) $6\frac{3}{8} \times 2\frac{6}{8} = 17\frac{17}{32}$
42) $9\frac{7}{12} \times 2\frac{4}{12} = 22\frac{13}{36}$
43) $4\frac{4}{7} \times 6\frac{3}{7} = 29\frac{19}{49}$
44) $4\frac{3}{9} \times 5\frac{1}{9} = 22\frac{4}{27}$
45) $8\frac{1}{11} \times 5\frac{9}{11} = 47\frac{9}{121}$

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Mixed Operations With Fractions Division With Common Denominators

Calculate.

1) $2\frac{3}{7} \div 6\frac{4}{7} = \frac{17}{46}$

2) $1\frac{3}{6} \div 2\frac{2}{6} = \frac{9}{14}$

3) $1\frac{4}{8} \div 6\frac{2}{8} = \frac{6}{25}$

4) $5\frac{3}{5} \div 5\frac{1}{5} = 1\frac{1}{13}$

5) $7\frac{1}{2} \div 2\frac{1}{2} = 3$

6) $5\frac{2}{10} \div 3\frac{1}{10} = 1\frac{21}{31}$

7) $2\frac{1}{2} \div 1\frac{1}{2} = 1\frac{2}{3}$

8) $2\frac{7}{9} \div 2\frac{5}{9} = 1\frac{2}{23}$

9) $1\frac{7}{12} \div 8\frac{10}{12} = \frac{19}{106}$

10) $6\frac{4}{6} \div 5\frac{3}{6} = 1\frac{7}{33}$

11) $8\frac{10}{11} \div 1\frac{5}{11} = 6\frac{1}{8}$

12) $7\frac{3}{5} \div 3\frac{3}{5} = 2\frac{1}{9}$

13) $4\frac{5}{8} \div 6\frac{4}{8} = \frac{37}{52}$

14) $6\frac{1}{7} \div 5\frac{5}{7} = 1\frac{3}{40}$

15) $5\frac{2}{4} \div 3\frac{3}{4} = 1\frac{7}{15}$

16) $2\frac{1}{3} \div 5\frac{2}{3} = \frac{7}{17}$

17) $8\frac{1}{6} \div 9\frac{4}{6} = \frac{49}{58}$

18) $9\frac{7}{11} \div 8\frac{3}{11} = 1\frac{15}{91}$

19) $4\frac{2}{9} \div 2\frac{4}{9} = 1\frac{8}{11}$

20) $3\frac{2}{6} \div 7\frac{5}{6} = \frac{20}{47}$

21) $5\frac{1}{2} \div 4\frac{1}{2} = 1\frac{2}{9}$

22) $5\frac{2}{3} \div 3\frac{2}{3} = 1\frac{6}{11}$

23) $8\frac{2}{4} \div 8\frac{2}{4} = 1$

24) $2\frac{4}{12} \div 8\frac{4}{12} = \frac{7}{25}$

25) $9\frac{4}{7} \div 1\frac{5}{7} = 5\frac{7}{12}$

26) $2\frac{3}{5} \div 9\frac{3}{5} = \frac{13}{48}$

27) $9\frac{2}{8} \div 5\frac{4}{8} = 1\frac{15}{22}$

28) $3\frac{5}{10} \div 6\frac{7}{10} = \frac{35}{67}$

29) $8\frac{5}{12} \div 5\frac{9}{12} = 1\frac{32}{69}$

30) $8\frac{4}{8} \div 5\frac{5}{8} = 1\frac{23}{45}$

31) $1\frac{3}{4} \div 5\frac{1}{4} = \frac{1}{3}$

32) $4\frac{2}{11} \div 3\frac{6}{11} = 1\frac{7}{39}$

33) $7\frac{1}{3} \div 8\frac{1}{3} = \frac{22}{25}$

34) $1\frac{7}{10} \div 6\frac{6}{10} = \frac{17}{66}$

35) $7\frac{1}{2} \div 1\frac{1}{2} = 5$

36) $1\frac{3}{7} \div 4\frac{2}{7} = \frac{1}{3}$

37) $3\frac{5}{9} \div 6\frac{5}{9} = \frac{32}{59}$

38) $5\frac{3}{6} \div 6\frac{3}{6} = \frac{11}{13}$

39) $6\frac{4}{5} \div 1\frac{3}{5} = 4\frac{1}{4}$

40) $1\frac{1}{6} \div 6\frac{4}{6} = \frac{7}{40}$

41) $4\frac{8}{10} \div 6\frac{4}{10} = \frac{3}{4}$

42) $2\frac{4}{7} \div 3\frac{2}{7} = \frac{18}{23}$

43) $7\frac{1}{8} \div 7\frac{6}{8} = \frac{57}{62}$

44) $7\frac{4}{9} \div 4\frac{6}{9} = 1\frac{25}{42}$

45) $2\frac{2}{3} \div 6\frac{2}{3} = \frac{2}{5}$

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Mixed Operations With Fractions With Common Denominators

Calculate.

1) $6\frac{2}{7} + 4\frac{2}{7} = 10\frac{4}{7}$

2) $8\frac{5}{8} - 8\frac{1}{8} = \frac{1}{2}$

3) $4\frac{1}{2} \div 9\frac{1}{2} = \frac{9}{19}$

4) $1\frac{1}{4} \div 3\frac{3}{4} = \frac{1}{3}$

5) $5\frac{4}{11} \times 2\frac{2}{11} = 11\frac{85}{121}$

6) $7\frac{2}{6} + 1\frac{1}{6} = 8\frac{1}{2}$

7) $7\frac{2}{3} \div 1\frac{1}{3} = 5\frac{3}{4}$

8) $1\frac{1}{10} \div 6\frac{6}{10} = \frac{1}{6}$

9) $6\frac{2}{9} - 4\frac{8}{9} = 1\frac{1}{3}$

10) $3\frac{5}{7} \times 2\frac{4}{7} = 9\frac{27}{49}$

11) $5\frac{6}{8} - 3\frac{7}{8} = 1\frac{7}{8}$

12) $6\frac{7}{12} + 4\frac{7}{12} = 11\frac{1}{6}$

13) $3\frac{1}{5} \times 8\frac{4}{5} = 28\frac{4}{25}$

14) $2\frac{10}{12} \div 1\frac{4}{12} = 2\frac{1}{8}$

15) $7\frac{1}{4} \times 2\frac{3}{4} = 19\frac{15}{16}$

16) $4\frac{1}{3} \div 9\frac{2}{3} = \frac{13}{29}$

17) $9\frac{6}{7} \div 1\frac{4}{7} = 6\frac{3}{11}$

18) $1\frac{3}{5} \div 3\frac{2}{5} = \frac{8}{17}$

19) $4\frac{5}{6} + 8\frac{2}{6} = 13\frac{1}{6}$

20) $2\frac{5}{8} \div 7\frac{3}{8} = \frac{21}{59}$

21) $8\frac{1}{2} - 4\frac{1}{2} = 4$

22) $5\frac{1}{10} - 2\frac{5}{10} = 2\frac{3}{5}$

23) $3\frac{7}{9} \div 6\frac{2}{9} = \frac{17}{28}$

24) $9\frac{8}{11} - 2\frac{9}{11} = 6\frac{10}{11}$

25) $9\frac{1}{11} - 3\frac{8}{11} = 5\frac{4}{11}$

26) $5\frac{11}{12} \times 5\frac{7}{12} = 33\frac{5}{144}$

27) $9\frac{7}{9} \div 2\frac{5}{9} = 3\frac{19}{23}$

28) $4\frac{4}{7} \div 3\frac{1}{7} = 1\frac{5}{11}$

29) $1\frac{2}{3} + 5\frac{2}{3} = 7\frac{1}{3}$

30) $3\frac{2}{8} \times 2\frac{3}{8} = 7\frac{23}{32}$

31) $8\frac{3}{5} \div 6\frac{1}{5} = 1\frac{12}{31}$

32) $2\frac{1}{2} \times 1\frac{1}{2} = 3\frac{3}{4}$

33) $5\frac{2}{4} \times 6\frac{2}{4} = 35\frac{3}{4}$

34) $2\frac{1}{6} \div 9\frac{5}{6} = \frac{13}{59}$

35) $7\frac{7}{10} - 4\frac{8}{10} = 2\frac{9}{10}$

36) $5\frac{2}{9} \div 5\frac{1}{9} = 1\frac{1}{46}$

37) $7\frac{1}{3} - 1\frac{2}{3} = 5\frac{2}{3}$

38) $3\frac{2}{4} - 2\frac{3}{4} = \frac{3}{4}$

39) $8\frac{1}{2} - 6\frac{1}{2} = 2$

40) $9\frac{6}{9} - 8\frac{8}{9} = \frac{7}{9}$

41) $9\frac{8}{12} - 3\frac{10}{12} = 5\frac{5}{6}$

42) $1\frac{5}{7} \div 7\frac{1}{7} = \frac{6}{25}$

43) $9\frac{3}{8} \times 2\frac{7}{8} = 26\frac{61}{64}$

44) $2\frac{2}{5} + 7\frac{2}{5} = 9\frac{4}{5}$

45) $8\frac{3}{6} - 7\frac{5}{6} = \frac{2}{3}$

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Addition

Calculate.

1) $5\frac{4}{12} + 9\frac{1}{6} = 14\frac{1}{2}$
2) $9\frac{2}{5} + 7\frac{1}{2} = 16\frac{9}{10}$
3) $9\frac{1}{8} + 6\frac{1}{10} = 15\frac{9}{40}$
4) $5\frac{1}{4} + 1\frac{7}{9} = 7\frac{1}{36}$
5) $8\frac{1}{3} + 1\frac{5}{7} = 10\frac{1}{21}$
6) $6\frac{6}{7} + 9\frac{3}{9} = 16\frac{4}{21}$
7) $4\frac{2}{5} + 2\frac{9}{11} = 7\frac{12}{55}$
8) $2\frac{2}{4} + 9\frac{9}{10} = 12\frac{2}{5}$
9) $2\frac{11}{12} + 7\frac{2}{8} = 10\frac{1}{6}$
10) $6\frac{1}{2} + 5\frac{2}{3} = 12\frac{1}{6}$
11) $9\frac{1}{6} + 1\frac{4}{12} = 10\frac{1}{2}$
12) $6\frac{7}{10} + 9\frac{3}{9} = 16\frac{1}{30}$
13) $4\frac{1}{3} + 2\frac{1}{8} = 6\frac{11}{24}$
14) $1\frac{4}{7} + 3\frac{3}{5} = 5\frac{6}{35}$
15) $1\frac{3}{4} + 1\frac{8}{11} = 3\frac{21}{44}$
16) $5\frac{1}{2} + 6\frac{1}{6} = 11\frac{2}{3}$
17) $2\frac{4}{5} + 2\frac{1}{2} = 5\frac{3}{10}$
18) $2\frac{1}{4} + 9\frac{5}{12} = 11\frac{2}{3}$
19) $2\frac{9}{11} + 5\frac{6}{10} = 8\frac{23}{55}$
20) $8\frac{4}{6} + 6\frac{1}{3} = 15$
21) $4\frac{5}{9} + 9\frac{6}{7} = 14\frac{26}{63}$
22) $8\frac{7}{8} + 4\frac{3}{4} = 13\frac{5}{8}$
23) $1\frac{2}{9} + 4\frac{2}{3} = 5\frac{8}{9}$
24) $7\frac{5}{12} + 2\frac{3}{8} = 9\frac{19}{24}$
25) $6\frac{2}{11} + 1\frac{3}{6} = 7\frac{15}{22}$
26) $9\frac{3}{10} + 9\frac{3}{7} = 18\frac{51}{70}$
27) $1\frac{1}{2} + 7\frac{3}{5} = 9\frac{1}{10}$
28) $5\frac{4}{6} + 1\frac{2}{5} = 7\frac{1}{15}$
29) $4\frac{4}{11} + 3\frac{4}{7} = 7\frac{72}{77}$
30) $1\frac{1}{3} + 5\frac{9}{12} = 7\frac{1}{12}$
31) $3\frac{3}{4} + 1\frac{7}{10} = 5\frac{9}{20}$
32) $8\frac{6}{9} + 6\frac{1}{8} = 14\frac{19}{24}$
33) $1\frac{1}{2} + 4\frac{8}{11} = 6\frac{5}{22}$
34) $5\frac{3}{5} + 2\frac{2}{4} = 8\frac{1}{10}$
35) $7\frac{7}{8} + 2\frac{2}{7} = 10\frac{9}{56}$
36) $6\frac{5}{12} + 4\frac{1}{2} = 10\frac{11}{12}$
37) $6\frac{2}{9} + 7\frac{1}{3} = 13\frac{5}{9}$
38) $8\frac{4}{10} + 9\frac{1}{6} = 17\frac{17}{30}$
39) $9\frac{2}{9} + 4\frac{7}{8} = 14\frac{7}{72}$
40) $2\frac{2}{3} + 5\frac{5}{12} = 8\frac{1}{12}$
41) $1\frac{5}{10} + 8\frac{1}{11} = 9\frac{13}{22}$
42) $9\frac{4}{5} + 9\frac{2}{7} = 19\frac{3}{35}$
43) $7\frac{5}{6} + 8\frac{3}{4} = 16\frac{7}{12}$
44) $5\frac{1}{2} + 9\frac{3}{4} = 15\frac{1}{4}$
45) $6\frac{2}{9} + 7\frac{1}{11} = 13\frac{31}{99}$

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Subtraction

Calculate.

1) $9\frac{2}{4} - 5\frac{1}{3} = 4\frac{1}{6}$

2) $6\frac{1}{10} - 1\frac{2}{7} = 4\frac{57}{70}$

3) $7\frac{3}{4} - 5\frac{6}{8} = 2$

4) $5\frac{3}{9} - 3\frac{11}{12} = 1\frac{5}{12}$

5) $4\frac{3}{5} - 3\frac{7}{11} = \frac{53}{55}$

6) $7\frac{1}{6} - 6\frac{1}{2} = \frac{2}{3}$

7) $8\frac{3}{6} - 3\frac{2}{5} = 5\frac{1}{10}$

8) $9\frac{1}{12} - 8\frac{3}{11} = \frac{107}{132}$

9) $3\frac{4}{9} - 2\frac{7}{8} = \frac{41}{72}$

10) $7\frac{1}{4} - 3\frac{5}{10} = 3\frac{3}{4}$

11) $7\frac{4}{7} - 1\frac{1}{2} = 6\frac{1}{14}$

12) $5\frac{2}{3} - 1\frac{2}{6} = 4\frac{1}{3}$

13) $8\frac{6}{10} - 7\frac{8}{12} = \frac{14}{15}$

14) $3\frac{7}{9} - 1\frac{5}{8} = 2\frac{11}{72}$

15) $8\frac{4}{5} - 4\frac{3}{4} = 4\frac{1}{20}$

16) $9\frac{2}{3} - 5\frac{1}{7} = 4\frac{11}{21}$

17) $8\frac{6}{11} - 4\frac{1}{2} = 4\frac{1}{22}$

18) $9\frac{9}{12} - 8\frac{2}{9} = 1\frac{19}{36}$

19) $6\frac{4}{5} - 1\frac{4}{6} = 5\frac{2}{15}$

20) $7\frac{6}{8} - 6\frac{1}{10} = 1\frac{13}{20}$

21) $6\frac{7}{12} - 3\frac{1}{3} = 3\frac{1}{4}$

22) $9\frac{3}{7} - 4\frac{9}{11} = 4\frac{47}{77}$

23) $7\frac{1}{2} - 4\frac{1}{4} = 3\frac{1}{4}$

24) $8\frac{2}{3} - 8\frac{3}{9} = \frac{1}{3}$

25) $8\frac{4}{5} - 4\frac{4}{8} = 4\frac{3}{10}$

26) $9\frac{3}{4} - 8\frac{1}{2} = 1\frac{1}{4}$

27) $8\frac{1}{12} - 7\frac{8}{11} = \frac{47}{132}$

28) $4\frac{1}{10} - 2\frac{6}{9} = 1\frac{13}{30}$

29) $5\frac{2}{3} - 1\frac{3}{5} = 4\frac{1}{15}$

30) $9\frac{1}{12} - 1\frac{1}{7} = 7\frac{79}{84}$

31) $8\frac{6}{8} - 8\frac{1}{2} = \frac{1}{4}$

32) $9\frac{3}{4} - 7\frac{2}{6} = 2\frac{5}{12}$

33) $9\frac{3}{5} - 8\frac{3}{4} = \frac{17}{20}$

34) $4\frac{1}{2} - 2\frac{7}{8} = 1\frac{5}{8}$

35) $8\frac{2}{3} - 5\frac{9}{12} = 2\frac{11}{12}$

36) $9\frac{5}{6} - 8\frac{8}{9} = \frac{17}{18}$

37) $9\frac{3}{10} - 3\frac{5}{11} = 5\frac{93}{110}$

38) $9\frac{4}{7} - 5\frac{3}{4} = 3\frac{23}{28}$

39) $6\frac{1}{5} - 3\frac{5}{9} = 2\frac{29}{45}$

40) $5\frac{2}{7} - 3\frac{2}{10} = 2\frac{3}{35}$

41) $3\frac{1}{8} - 2\frac{1}{3} = \frac{19}{24}$

42) $3\frac{5}{8} - 3\frac{5}{10} = \frac{1}{8}$

43) $8\frac{2}{4} - 7\frac{6}{9} = \frac{5}{6}$

44) $7\frac{2}{3} - 6\frac{4}{12} = 1\frac{1}{3}$

45) $9\frac{6}{11} - 3\frac{2}{5} = 6\frac{8}{55}$

46) $7\frac{1}{2} - 5\frac{1}{6} = 2\frac{1}{3}$

47) $9\frac{2}{3} - 4\frac{4}{8} = 5\frac{1}{6}$

48) $8\frac{1}{10} - 7\frac{9}{11} = \frac{31}{110}$

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Multiplication

Calculate.

1) $2\frac{2}{8} \times 2\frac{4}{5} = 6\frac{3}{10}$

2) $3\frac{3}{6} \times 6\frac{2}{12} = 21\frac{7}{12}$

3) $8\frac{1}{3} \times 6\frac{6}{11} = 54\frac{6}{11}$

4) $7\frac{1}{4} \times 8\frac{1}{8} = 58\frac{29}{32}$

5) $3\frac{1}{5} \times 1\frac{6}{12} = 4\frac{4}{5}$

6) $1\frac{2}{11} \times 7\frac{1}{2} = 8\frac{19}{22}$

7) $5\frac{2}{6} \times 8\frac{2}{3} = 46\frac{2}{9}$

8) $2\frac{2}{9} \times 2\frac{3}{7} = 5\frac{25}{63}$

9) $7\frac{1}{10} \times 8\frac{2}{7} = 58\frac{29}{35}$

10) $4\frac{10}{12} \times 3\frac{2}{4} = 16\frac{11}{12}$

11) $3\frac{5}{8} \times 7\frac{2}{6} = 26\frac{7}{12}$

12) $5\frac{1}{2} \times 3\frac{10}{11} = 21\frac{1}{2}$

13) $5\frac{2}{3} \times 4\frac{7}{9} = 27\frac{2}{27}$

14) $7\frac{1}{5} \times 2\frac{5}{10} = 18$

15) $1\frac{3}{11} \times 2\frac{3}{7} = 3\frac{1}{11}$

16) $3\frac{5}{6} \times 9\frac{3}{5} = 36\frac{4}{5}$

17) $5\frac{8}{10} \times 6\frac{2}{3} = 38\frac{2}{3}$

18) $7\frac{8}{12} \times 7\frac{1}{2} = 57\frac{1}{2}$

19) $2\frac{2}{8} \times 6\frac{3}{9} = 14\frac{1}{4}$

20) $1\frac{2}{4} \times 9\frac{3}{9} = 14$

21) $2\frac{1}{4} \times 4\frac{5}{7} = 10\frac{17}{28}$

22) $6\frac{4}{6} \times 3\frac{1}{2} = 23\frac{1}{3}$

23) $6\frac{3}{12} \times 5\frac{2}{11} = 32\frac{17}{44}$

24) $1\frac{1}{10} \times 4\frac{3}{8} = 4\frac{13}{16}$

25) $8\frac{2}{3} \times 9\frac{4}{5} = 84\frac{14}{15}$

26) $4\frac{2}{7} \times 8\frac{9}{12} = 37\frac{1}{2}$

27) $7\frac{1}{2} \times 7\frac{1}{4} = 54\frac{3}{8}$

28) $9\frac{1}{3} \times 8\frac{1}{5} = 76\frac{8}{15}$

29) $6\frac{2}{8} \times 1\frac{8}{9} = 11\frac{29}{36}$

30) $8\frac{1}{11} \times 2\frac{2}{10} = 17\frac{4}{5}$

31) $8\frac{2}{6} \times 3\frac{3}{12} = 27\frac{1}{12}$

32) $5\frac{8}{9} \times 5\frac{5}{7} = 33\frac{41}{63}$

33) $5\frac{3}{5} \times 9\frac{1}{6} = 51\frac{1}{3}$

34) $2\frac{3}{4} \times 7\frac{1}{2} = 20\frac{5}{8}$

35) $2\frac{1}{3} \times 3\frac{8}{10} = 8\frac{13}{15}$

36) $6\frac{7}{11} \times 7\frac{6}{8} = 51\frac{19}{44}$

37) $1\frac{6}{11} \times 2\frac{1}{4} = 3\frac{21}{44}$

38) $2\frac{1}{2} \times 2\frac{2}{3} = 6\frac{2}{3}$

39) $9\frac{1}{5} \times 6\frac{1}{12} = 55\frac{29}{30}$

40) $5\frac{2}{6} \times 9\frac{1}{7} = 48\frac{16}{21}$

41) $7\frac{5}{9} \times 9\frac{7}{8} = 74\frac{11}{18}$

42) $3\frac{9}{10} \times 4\frac{8}{9} = 19\frac{1}{15}$

43) $1\frac{2}{3} \times 9\frac{4}{7} = 15\frac{20}{21}$

44) $9\frac{3}{6} \times 2\frac{2}{8} = 21\frac{3}{8}$

45) $7\frac{1}{4} \times 5\frac{5}{12} = 39\frac{13}{48}$

46) $9\frac{6}{11} \times 9\frac{1}{2} = 90\frac{15}{22}$

47) $5\frac{1}{5} \times 9\frac{6}{10} = 49\frac{23}{25}$

48) $6\frac{7}{8} \times 8\frac{1}{4} = 56\frac{23}{32}$

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions Division

Calculate.

1) $5\frac{4}{6} \div 1\frac{3}{11} = 4\frac{19}{42}$

2) $4\frac{8}{9} \div 4\frac{2}{4} = 1\frac{7}{81}$

3) $7\frac{5}{7} \div 6\frac{2}{6} = 1\frac{29}{133}$

4) $5\frac{3}{4} \div 6\frac{1}{2} = \frac{23}{26}$

5) $6\frac{8}{9} \div 3\frac{2}{8} = 2\frac{14}{117}$

6) $1\frac{1}{3} \div 8\frac{10}{11} = \frac{22}{147}$

7) $3\frac{9}{12} \div 8\frac{5}{7} = \frac{105}{244}$

8) $1\frac{1}{10} \div 2\frac{2}{5} = \frac{11}{24}$

9) $8\frac{3}{9} \div 7\frac{1}{5} = 1\frac{17}{108}$

10) $2\frac{7}{11} \div 4\frac{3}{8} = \frac{232}{385}$

11) $2\frac{1}{10} \div 2\frac{1}{3} = \frac{9}{10}$

12) $1\frac{1}{6} \div 3\frac{1}{12} = \frac{14}{37}$

13) $6\frac{1}{2} \div 7\frac{3}{4} = \frac{26}{31}$

14) $8\frac{5}{7} \div 1\frac{3}{5} = 5\frac{25}{56}$

15) $8\frac{10}{11} \div 8\frac{5}{10} = 1\frac{9}{187}$

16) $6\frac{3}{6} \div 3\frac{4}{7} = 1\frac{41}{50}$

17) $5\frac{2}{4} \div 5\frac{6}{9} = \frac{33}{34}$

18) $3\frac{2}{5} \div 9\frac{1}{3} = \frac{51}{140}$

19) $6\frac{11}{12} \div 6\frac{1}{2} = 1\frac{5}{78}$

20) $7\frac{7}{8} \div 8\frac{1}{7} = \frac{147}{152}$

21) $7\frac{1}{5} \div 7\frac{4}{11} = \frac{44}{45}$

22) $7\frac{5}{10} \div 2\frac{10}{12} = 2\frac{11}{17}$

23) $9\frac{3}{9} \div 6\frac{1}{3} = 1\frac{9}{19}$

24) $4\frac{4}{6} \div 1\frac{3}{4} = 2\frac{2}{3}$

25) $7\frac{7}{8} \div 5\frac{1}{2} = 1\frac{19}{44}$

26) $7\frac{6}{9} \div 4\frac{1}{2} = 1\frac{19}{27}$

27) $4\frac{1}{5} \div 2\frac{2}{8} = 1\frac{13}{15}$

28) $1\frac{6}{7} \div 8\frac{2}{3} = \frac{3}{14}$

29) $8\frac{8}{10} \div 9\frac{10}{12} = \frac{264}{295}$

30) $2\frac{9}{11} \div 2\frac{2}{6} = 1\frac{16}{77}$

31) $9\frac{3}{4} \div 7\frac{1}{2} = 1\frac{3}{10}$

32) $6\frac{7}{10} \div 9\frac{5}{8} = \frac{268}{385}$

33) $8\frac{1}{4} \div 1\frac{2}{7} = 6\frac{5}{12}$

34) $8\frac{4}{11} \div 3\frac{2}{5} = 2\frac{86}{187}$

35) $1\frac{2}{3} \div 4\frac{4}{6} = \frac{5}{14}$

36) $9\frac{9}{12} \div 4\frac{2}{9} = 2\frac{47}{152}$

37) $6\frac{5}{9} \div 3\frac{1}{2} = 1\frac{55}{63}$

38) $2\frac{9}{12} \div 8\frac{6}{11} = \frac{121}{376}$

39) $6\frac{2}{3} \div 5\frac{1}{6} = 1\frac{9}{31}$

40) $7\frac{1}{5} \div 9\frac{4}{7} = \frac{252}{335}$

41) $4\frac{3}{8} \div 6\frac{1}{4} = \frac{7}{10}$

42) $6\frac{1}{10} \div 6\frac{5}{9} = \frac{549}{590}$

43) $6\frac{2}{3} \div 5\frac{5}{7} = 1\frac{1}{6}$

44) $2\frac{2}{5} \div 3\frac{6}{11} = \frac{44}{65}$

45) $8\frac{1}{4} \div 6\frac{2}{6} = 1\frac{23}{76}$

46) $4\frac{5}{12} \div 4\frac{9}{10} = \frac{265}{294}$

47) $2\frac{1}{2} \div 6\frac{3}{8} = \frac{20}{51}$

48) $5\frac{4}{7} \div 3\frac{1}{4} = 1\frac{5}{7}$

Name:_____ Class:_____ Date:____/____/_____

Mixed Operations With Fractions

Calculate.

1) $5\frac{4}{12} + 4\frac{2}{4} = 9\frac{5}{6}$

2) $8\frac{2}{9} - 7\frac{2}{3} = \frac{5}{9}$

3) $7\frac{1}{2} - 5\frac{2}{5} = 2\frac{1}{10}$

4) $9\frac{7}{8} \times 4\frac{2}{10} = 41\frac{19}{40}$

5) $6\frac{3}{5} + 9\frac{3}{7} = 16\frac{1}{35}$

6) $7\frac{2}{4} - 7\frac{2}{10} = \frac{3}{10}$

7) $8\frac{2}{9} - 7\frac{5}{8} = \frac{43}{72}$

8) $8\frac{1}{3} + 4\frac{1}{2} = 12\frac{5}{6}$

9) $4\frac{7}{12} \div 2\frac{1}{5} = 2\frac{1}{12}$

10) $9\frac{2}{11} \div 6\frac{6}{10} = 1\frac{142}{363}$

11) $8\frac{3}{7} + 7\frac{1}{3} = 15\frac{16}{21}$

12) $3\frac{4}{6} \times 7\frac{1}{2} = 27\frac{1}{2}$

13) $6\frac{5}{12} + 2\frac{1}{4} = 8\frac{2}{3}$

14) $3\frac{2}{8} \div 2\frac{6}{9} = 1\frac{7}{32}$

15) $4\frac{4}{9} \times 3\frac{2}{6} = 14\frac{22}{27}$

16) $4\frac{2}{3} \div 7\frac{10}{11} = \frac{154}{261}$

17) $8\frac{6}{10} + 3\frac{1}{2} = 12\frac{1}{10}$

18) $8\frac{7}{12} - 1\frac{7}{8} = 6\frac{17}{24}$

19) $8\frac{3}{7} - 6\frac{2}{5} = 2\frac{1}{35}$

20) $4\frac{3}{4} \times 2\frac{1}{7} = 10\frac{5}{28}$

21) $7\frac{2}{11} \div 5\frac{6}{9} = 1\frac{50}{187}$

22) $1\frac{8}{10} \div 8\frac{2}{7} = \frac{63}{290}$

23) $9\frac{2}{3} - 8\frac{2}{4} = 1\frac{1}{6}$

24) $9\frac{2}{5} - 2\frac{1}{2} = 6\frac{9}{10}$

25) $8\frac{3}{8} \times 4\frac{1}{6} = 34\frac{43}{48}$

26) $2\frac{6}{12} \div 7\frac{6}{8} = \frac{10}{31}$

27) $6\frac{6}{9} \times 5\frac{4}{7} = 37\frac{1}{7}$

28) $7\frac{3}{10} \div 7\frac{2}{5} = \frac{73}{74}$

29) $5\frac{2}{4} \times 4\frac{9}{12} = 26\frac{1}{8}$

30) $7\frac{10}{11} + 2\frac{2}{3} = 10\frac{19}{33}$

31) $6\frac{1}{2} - 4\frac{1}{6} = 2\frac{1}{3}$

32) $6\frac{8}{10} - 1\frac{5}{12} = 5\frac{23}{60}$

33) $7\frac{10}{11} - 4\frac{2}{3} = 3\frac{8}{33}$

34) $9\frac{1}{5} - 7\frac{1}{4} = 1\frac{19}{20}$

35) $4\frac{1}{2} - 3\frac{2}{8} = 1\frac{1}{4}$

36) $2\frac{2}{7} \div 4\frac{4}{6} = \frac{24}{49}$

37) $5\frac{8}{9} + 2\frac{4}{11} = 8\frac{25}{99}$

38) $6\frac{1}{2} - 4\frac{4}{9} = 2\frac{1}{18}$

39) $4\frac{2}{3} \times 6\frac{4}{7} = 30\frac{2}{3}$

40) $3\frac{6}{12} \times 7\frac{5}{6} = 27\frac{5}{12}$

41) $8\frac{1}{4} + 3\frac{1}{8} = 11\frac{3}{8}$

42) $3\frac{6}{10} + 5\frac{2}{5} = 9$

43) $5\frac{1}{2} \div 7\frac{1}{6} = \frac{33}{43}$

44) $5\frac{3}{11} \times 7\frac{2}{3} = 40\frac{14}{33}$

45) $7\frac{4}{7} + 6\frac{7}{8} = 14\frac{25}{56}$

46) $7\frac{4}{5} + 5\frac{1}{4} = 13\frac{1}{20}$

47) $9\frac{3}{10} \times 5\frac{2}{12} = 48\frac{1}{20}$

48) $1\frac{6}{9} + 4\frac{2}{3} = 6\frac{1}{3}$

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Multiplication with Whole Numbers 1

Multiply.

1) $\frac{10}{12}$ of 3 = $2\frac{1}{2}$
2) $\frac{2}{10}$ of 6 = $1\frac{1}{5}$
3) $\frac{6}{9}$ of 8 = $5\frac{1}{3}$
4) $\frac{5}{6}$ of 4 = $3\frac{1}{3}$
5) $\frac{2}{5}$ of 9 = $3\frac{3}{5}$
6) $\frac{6}{7}$ of 8 = $6\frac{6}{7}$
7) $\frac{7}{10}$ of 5 = $3\frac{1}{2}$
8) $\frac{1}{2}$ of 2 = 1
9) $\frac{7}{12}$ of 7 = $4\frac{1}{12}$
10) $\frac{4}{9}$ of 3 = $1\frac{1}{3}$
11) $\frac{3}{8}$ of 4 = $1\frac{1}{2}$
12) $\frac{3}{11}$ of 5 = $1\frac{4}{11}$
13) $\frac{1}{4}$ of 7 = $1\frac{3}{4}$
14) $\frac{1}{3}$ of 7 = $2\frac{1}{3}$
15) $\frac{5}{9}$ of 6 = $3\frac{1}{3}$
16) $\frac{5}{10}$ of 7 = $3\frac{1}{2}$
17) $\frac{4}{6}$ of 9 = 6
18) $\frac{4}{12}$ of 7 = $2\frac{1}{3}$
19) $\frac{9}{11}$ of 4 = $3\frac{3}{11}$
20) $\frac{2}{3}$ of 6 = 4
21) $\frac{4}{8}$ of 8 = 4
22) $\frac{1}{2}$ of 6 = 3
23) $\frac{4}{5}$ of 9 = $7\frac{1}{5}$
24) $\frac{5}{7}$ of 1 = $\frac{5}{7}$
25) $\frac{3}{4}$ of 2 = $1\frac{1}{2}$
26) $\frac{6}{12}$ of 5 = $2\frac{1}{2}$
27) $\frac{5}{8}$ of 7 = $4\frac{3}{8}$
28) $\frac{2}{11}$ of 6 = $1\frac{1}{11}$
29) $\frac{2}{5}$ of 8 = $3\frac{1}{5}$
30) $\frac{3}{6}$ of 3 = $1\frac{1}{2}$
31) $\frac{7}{9}$ of 8 = $6\frac{2}{9}$
32) $\frac{2}{4}$ of 1 = $\frac{1}{2}$
33) $\frac{1}{3}$ of 8 = $2\frac{2}{3}$
34) $\frac{1}{2}$ of 8 = 4
35) $\frac{3}{7}$ of 3 = $1\frac{2}{7}$
36) $\frac{1}{8}$ of 8 = 1
37) $\frac{5}{7}$ of 6 = $4\frac{2}{7}$
38) $\frac{1}{12}$ of 6 = $\frac{1}{2}$
39) $\frac{3}{4}$ of 4 = 3
40) $\frac{1}{9}$ of 3 = $\frac{1}{3}$
41) $\frac{1}{2}$ of 4 = 2
42) $\frac{1}{10}$ of 9 = $\frac{9}{10}$
43) $\frac{1}{6}$ of 1 = $\frac{1}{6}$
44) $\frac{6}{11}$ of 2 = $1\frac{1}{11}$
45) $\frac{1}{4}$ of 3 = $\frac{3}{4}$
46) $\frac{8}{9}$ of 6 = $5\frac{1}{3}$
47) $\frac{2}{11}$ of 7 = $1\frac{3}{11}$
48) $\frac{10}{12}$ of 9 = $7\frac{1}{2}$
49) $\frac{1}{2}$ of 1 = $\frac{1}{2}$
50) $\frac{4}{5}$ of 3 = $2\frac{2}{5}$
51) $\frac{3}{8}$ of 8 = 3
52) $\frac{9}{10}$ of 2 = $1\frac{4}{5}$
53) $\frac{3}{7}$ of 5 = $2\frac{1}{7}$
54) $\frac{2}{3}$ of 9 = 6
55) $\frac{4}{12}$ of 4 = $1\frac{1}{3}$
56) $\frac{4}{6}$ of 5 = $3\frac{1}{3}$
57) $\frac{8}{9}$ of 1 = $\frac{8}{9}$
58) $\frac{5}{10}$ of 4 = 2
59) $\frac{1}{5}$ of 3 = $\frac{3}{5}$
60) $\frac{2}{3}$ of 5 = $3\frac{1}{3}$

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Multiplication with Whole Numbers 2

Multiply.

1) $9 \times \frac{4}{5} = 7\frac{1}{5}$
2) $1 \times \frac{2}{3} = \frac{2}{3}$
3) $8 \times \frac{3}{12} = 2$
4) $1 \times \frac{3}{11} = \frac{3}{11}$
5) $3 \times \frac{2}{6} = 1$
6) $5 \times \frac{7}{10} = 3\frac{1}{2}$
7) $4 \times \frac{3}{6} = 2$
8) $7 \times \frac{3}{8} = 2\frac{5}{8}$
9) $1 \times \frac{2}{12} = \frac{1}{6}$
10) $5 \times \frac{1}{2} = 2\frac{1}{2}$
11) $9 \times \frac{3}{4} = 6\frac{3}{4}$
12) $6 \times \frac{2}{3} = 4$
13) $7 \times \frac{5}{7} = 5$
14) $7 \times \frac{2}{11} = 1\frac{3}{11}$
15) $7 \times \frac{4}{9} = 3\frac{1}{9}$
16) $5 \times \frac{1}{5} = 1$
17) $8 \times \frac{2}{10} = 1\frac{3}{5}$
18) $3 \times \frac{4}{12} = 1$
19) $1 \times \frac{6}{7} = \frac{6}{7}$
20) $8 \times \frac{5}{11} = 3\frac{7}{11}$
21) $2 \times \frac{3}{6} = 1$
22) $9 \times \frac{3}{9} = 3$
23) $3 \times \frac{9}{10} = 2\frac{7}{10}$
24) $6 \times \frac{3}{4} = 4\frac{1}{2}$
25) $4 \times \frac{6}{8} = 3$
26) $5 \times \frac{2}{5} = 2$
27) $6 \times \frac{1}{2} = 3$
28) $1 \times \frac{2}{3} = \frac{2}{3}$
29) $2 \times \frac{1}{3} = \frac{2}{3}$
30) $5 \times \frac{2}{5} = 2$
31) $5 \times \frac{6}{9} = 3\frac{1}{3}$
32) $5 \times \frac{6}{10} = 3$
33) $2 \times \frac{3}{11} = \frac{6}{11}$
34) $7 \times \frac{5}{12} = 2\frac{11}{12}$
35) $9 \times \frac{1}{2} = 4\frac{1}{2}$
36) $1 \times \frac{5}{7} = \frac{5}{7}$
37) $3 \times \frac{3}{6} = 1\frac{1}{2}$
38) $7 \times \frac{1}{8} = \frac{7}{8}$
39) $6 \times \frac{2}{4} = 3$
40) $5 \times \frac{6}{10} = 3$
41) $5 \times \frac{11}{12} = 4\frac{7}{12}$
42) $1 \times \frac{1}{4} = \frac{1}{4}$
43) $6 \times \frac{2}{8} = 1\frac{1}{2}$
44) $5 \times \frac{3}{5} = 3$
45) $3 \times \frac{2}{7} = \frac{6}{7}$
46) $8 \times \frac{10}{11} = 7\frac{3}{11}$
47) $9 \times \frac{6}{9} = 6$
48) $9 \times \frac{1}{2} = 4\frac{1}{2}$
49) $7 \times \frac{3}{6} = 3\frac{1}{2}$
50) $7 \times \frac{2}{3} = 4\frac{2}{3}$
51) $1 \times \frac{9}{10} = \frac{9}{10}$
52) $7 \times \frac{4}{8} = 3\frac{1}{2}$
53) $4 \times \frac{3}{5} = 2\frac{2}{5}$
54) $5 \times \frac{5}{6} = 4\frac{1}{6}$
55) $8 \times \frac{7}{12} = 4\frac{2}{3}$
56) $7 \times \frac{2}{4} = 3\frac{1}{2}$
57) $8 \times \frac{1}{2} = 4$
58) $2 \times \frac{4}{7} = 1\frac{1}{7}$
59) $6 \times \frac{5}{11} = 2\frac{8}{11}$
60) $6 \times \frac{1}{3} = 2$

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Multiplication with Whole Numbers 3

Multiply.

1) $\frac{2}{8}$ of 5 = $1\frac{1}{4}$
2) $4 \times \frac{5}{12} = 1\frac{2}{3}$
3) $4 \times \frac{6}{11} = 2\frac{2}{11}$
4) $\frac{5}{10}$ of 9 = $4\frac{1}{2}$
5) $2 \times \frac{1}{2} = 1$
6) $\frac{2}{3}$ of 1 = $\frac{2}{3}$
7) $7 \times \frac{3}{9} = 2\frac{1}{3}$
8) $\frac{2}{3}$ of 7 = $4\frac{2}{3}$
9) $7 \times \frac{5}{7} = 5$
10) $3 \times \frac{6}{11} = 1\frac{7}{11}$
11) $7 \times \frac{1}{4} = 1\frac{3}{4}$
12) $8 \times \frac{1}{5} = 1\frac{3}{5}$
13) $2 \times \frac{1}{2} = 1$
14) $\frac{6}{8}$ of 1 = $\frac{3}{4}$
15) $8 \times \frac{7}{12} = 4\frac{2}{3}$
16) $3 \times \frac{2}{6} = 1$
17) $6 \times \frac{6}{9} = 4$
18) $7 \times \frac{3}{8} = 2\frac{5}{8}$
19) $6 \times \frac{10}{11} = 5\frac{5}{11}$
20) $9 \times \frac{1}{3} = 3$
21) $\frac{1}{2}$ of 3 = $1\frac{1}{2}$
22) $\frac{2}{7}$ of 2 = $\frac{4}{7}$
23) $\frac{2}{5}$ of 6 = $2\frac{2}{5}$
24) $5 \times \frac{3}{4} = 3\frac{3}{4}$
25) $1 \times \frac{6}{9} = \frac{2}{3}$
26) $2 \times \frac{1}{10} = \frac{1}{5}$
27) $3 \times \frac{2}{6} = 1$
28) $\frac{4}{12}$ of 5 = $1\frac{2}{3}$
29) $\frac{11}{12}$ of 8 = $7\frac{1}{3}$
30) $\frac{1}{4}$ of 2 = $\frac{1}{2}$
31) $8 \times \frac{5}{8} = 5$
32) $\frac{2}{9}$ of 3 = $\frac{2}{3}$
33) $4 \times \frac{6}{10} = 2\frac{2}{5}$
34) $9 \times \frac{2}{6} = 3$
35) $9 \times \frac{4}{5} = 7\frac{1}{5}$
36) $\frac{1}{2}$ of 7 = $3\frac{1}{2}$
37) $8 \times \frac{6}{7} = 6\frac{6}{7}$
38) $\frac{2}{3}$ of 8 = $5\frac{1}{3}$
39) $8 \times \frac{1}{11} = \frac{8}{11}$
40) $2 \times \frac{1}{7} = \frac{2}{7}$
41) $\frac{2}{12}$ of 3 = $\frac{1}{2}$
42) $\frac{3}{9}$ of 2 = $\frac{2}{3}$
43) $4 \times \frac{6}{11} = 2\frac{2}{11}$
44) $5 \times \frac{1}{8} = \frac{5}{8}$
45) $9 \times \frac{1}{3} = 3$
46) $\frac{4}{10}$ of 5 = 2
47) $2 \times \frac{1}{6} = \frac{1}{3}$
48) $\frac{1}{2}$ of 2 = 1
49) $\frac{1}{4}$ of 8 = 2
50) $2 \times \frac{2}{5} = \frac{4}{5}$
51) $\frac{1}{12}$ of 5 = $\frac{5}{12}$
52) $\frac{3}{8}$ of 2 = $\frac{3}{4}$
53) $5 \times \frac{2}{6} = 1\frac{2}{3}$
54) $3 \times \frac{1}{3} = 1$
55) $\frac{3}{4}$ of 8 = 6
56) $\frac{5}{7}$ of 5 = $3\frac{4}{7}$
57) $7 \times \frac{4}{10} = 2\frac{4}{5}$
58) $\frac{1}{9}$ of 1 = $\frac{1}{9}$
59) $\frac{3}{11}$ of 6 = $1\frac{7}{11}$
60) $\frac{1}{5}$ of 2 = $\frac{2}{5}$

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Order Fractional Values

Order the fractional values from least to greatest.

1) 0.733 · 86.7% · $\frac{4}{5}$

0.733 < $\frac{4}{5}$ < 86.7%

2) $\frac{18}{66}$ · 26.5% · 0.268

26.5% < 0.268 < $\frac{18}{66}$

3) 25% · $\frac{2}{10}$ · 0.233

$\frac{2}{10}$ < 0.233 < 25%

4) $\frac{22}{9}$ · 2.5 · 248.1%

$\frac{22}{9}$ < 248.1% < 2.5

5) 0.653 · 68.1% · $\frac{16}{24}$

0.653 < $\frac{16}{24}$ < 68.1%

6) $1\frac{8}{11}$ · 1.773 · 175.8%

$1\frac{8}{11}$ < 175.8% < 1.773

7) $\frac{6}{21}$ · 0.27 · 26.2%

26.2% < 0.27 < $\frac{6}{21}$

8) 2.867 · $\frac{14}{5}$ · 273.3%

273.3% < $\frac{14}{5}$ < 2.867

9) $\frac{2}{10}$ · 16.7% · 0.233

16.7% < $\frac{2}{10}$ < 0.233

10) $\frac{4}{8}$ · 0.542 · 45.8%

45.8% < $\frac{4}{8}$ < 0.542

11) 76.9% · 0.787 · $\frac{28}{36}$

76.9% < $\frac{28}{36}$ < 0.787

12) 2.056 · $2\frac{1}{12}$ · 204.2%

204.2% < 2.056 < $2\frac{1}{12}$

13) 116.7% · 1.222 · $1\frac{1}{3}$

116.7% < 1.222 < $1\frac{1}{3}$

14) 216.7% · $\frac{9}{4}$ · 2.333

216.7% < $\frac{9}{4}$ < 2.333

15) $\frac{2}{8}$ · 0.188 · 20.8%

0.188 < 20.8% < $\frac{2}{8}$

16) $1\frac{7}{8}$ · 183.3% · 1.917

183.3% < $1\frac{7}{8}$ < 1.917

17) $\frac{6}{27}$ · 0.21 · 20.4%

20.4% < 0.21 < $\frac{6}{27}$

18) $\frac{15}{10}$ · 1.467 · 145%

145% < 1.467 < $\frac{15}{10}$

19) 233.3% · $\frac{16}{7}$ · 2.357

$\frac{16}{7}$ < 233.3% < 2.357

20) 1.556 · 177.8% · $1\frac{2}{3}$

1.556 < $1\frac{2}{3}$ < 177.8%

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Simplifying Fractions 1

Simplify the fractions.

1) $\frac{25}{40} = \frac{5}{8}$ 2) $\frac{14}{42} = \frac{1}{3}$ 3) $\frac{14}{28} = \frac{1}{2}$ 4) $\frac{2}{6} = \frac{1}{3}$ 5) $\frac{2}{4} = \frac{1}{2}$ 6) $\frac{54}{66} = \frac{9}{11}$

7) $\frac{24}{48} = \frac{1}{2}$ 8) $\frac{14}{21} = \frac{2}{3}$ 9) $\frac{2}{12} = \frac{1}{6}$ 10) $\frac{9}{18} = \frac{1}{2}$ 11) $\frac{21}{63} = \frac{1}{3}$ 12) $\frac{36}{45} = \frac{4}{5}$

13) $\frac{9}{90} = \frac{1}{10}$ 14) $\frac{16}{28} = \frac{4}{7}$ 15) $\frac{9}{108} = \frac{1}{12}$ 16) $\frac{27}{33} = \frac{9}{11}$ 17) $\frac{6}{12} = \frac{1}{2}$ 18) $\frac{8}{16} = \frac{1}{2}$

19) $\frac{14}{77} = \frac{2}{11}$ 20) $\frac{15}{30} = \frac{1}{2}$ 21) $\frac{66}{72} = \frac{11}{12}$ 22) $\frac{14}{49} = \frac{2}{7}$ 23) $\frac{20}{45} = \frac{4}{9}$ 24) $\frac{35}{70} = \frac{1}{2}$

25) $\frac{7}{28} = \frac{1}{4}$ 26) $\frac{3}{6} = \frac{1}{2}$ 27) $\frac{30}{40} = \frac{3}{4}$ 28) $\frac{18}{30} = \frac{3}{5}$ 29) $\frac{3}{18} = \frac{1}{6}$ 30) $\frac{21}{28} = \frac{3}{4}$

31) $\frac{24}{72} = \frac{1}{3}$ 32) $\frac{4}{36} = \frac{1}{9}$ 33) $\frac{48}{56} = \frac{6}{7}$ 34) $\frac{10}{15} = \frac{2}{3}$ 35) $\frac{45}{90} = \frac{1}{2}$ 36) $\frac{24}{33} = \frac{8}{11}$

37) $\frac{8}{12} = \frac{2}{3}$ 38) $\frac{16}{22} = \frac{8}{11}$ 39) $\frac{4}{8} = \frac{1}{2}$ 40) $\frac{35}{84} = \frac{5}{12}$ 41) $\frac{16}{18} = \frac{8}{9}$ 42) $\frac{12}{24} = \frac{1}{2}$

43) $\frac{15}{21} = \frac{5}{7}$ 44) $\frac{12}{30} = \frac{2}{5}$ 45) $\frac{14}{35} = \frac{2}{5}$ 46) $\frac{4}{6} = \frac{2}{3}$ 47) $\frac{24}{60} = \frac{2}{5}$ 48) $\frac{14}{24} = \frac{7}{12}$

49) $\frac{27}{36} = \frac{3}{4}$ 50) $\frac{12}{48} = \frac{1}{4}$ 51) $\frac{8}{72} = \frac{1}{9}$ 52) $\frac{21}{42} = \frac{1}{2}$ 53) $\frac{18}{21} = \frac{6}{7}$ 54) $\frac{32}{40} = \frac{4}{5}$

55) $\frac{28}{32} = \frac{7}{8}$ 56) $\frac{12}{14} = \frac{6}{7}$ 57) $\frac{28}{48} = \frac{7}{12}$ 58) $\frac{16}{24} = \frac{2}{3}$ 59) $\frac{12}{18} = \frac{2}{3}$ 60) $\frac{32}{44} = \frac{8}{11}$

61) $\frac{21}{30} = \frac{7}{10}$ 62) $\frac{56}{72} = \frac{7}{9}$ 63) $\frac{6}{24} = \frac{1}{4}$ 64) $\frac{5}{10} = \frac{1}{2}$ 65) $\frac{30}{60} = \frac{1}{2}$ 66) $\frac{12}{44} = \frac{3}{11}$

67) $\frac{24}{40} = \frac{3}{5}$ 68) $\frac{40}{56} = \frac{5}{7}$ 69) $\frac{3}{30} = \frac{1}{10}$ 70) $\frac{24}{36} = \frac{2}{3}$ 71) $\frac{5}{15} = \frac{1}{3}$ 72) $\frac{15}{45} = \frac{1}{3}$

73) $\frac{21}{56} = \frac{3}{8}$ 74) $\frac{45}{72} = \frac{5}{8}$ 75) $\frac{16}{32} = \frac{1}{2}$ 76) $\frac{3}{27} = \frac{1}{9}$ 77) $\frac{12}{15} = \frac{4}{5}$ 78) $\frac{12}{42} = \frac{2}{7}$

79) $\frac{48}{66} = \frac{8}{11}$ 80) $\frac{45}{54} = \frac{5}{6}$ 81) $\frac{48}{96} = \frac{1}{2}$ 82) $\frac{18}{90} = \frac{1}{5}$ 83) $\frac{18}{66} = \frac{3}{11}$ 84) $\frac{36}{90} = \frac{2}{5}$

85) $\frac{6}{18} = \frac{1}{3}$ 86) $\frac{18}{81} = \frac{2}{9}$ 87) $\frac{12}{16} = \frac{3}{4}$ 88) $\frac{48}{72} = \frac{2}{3}$ 89) $\frac{12}{33} = \frac{4}{11}$ 90) $\frac{28}{63} = \frac{4}{9}$

91) $\frac{20}{28} = \frac{5}{7}$ 92) $\frac{10}{20} = \frac{1}{2}$ 93) $\frac{21}{35} = \frac{3}{5}$ 94) $\frac{72}{90} = \frac{4}{5}$ 95) $\frac{8}{24} = \frac{1}{3}$ 96) $\frac{45}{60} = \frac{3}{4}$

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Simplifying Fractions 2

Simplify the fractions.

1) $\frac{520}{60} = 8\frac{2}{3}$
2) $\frac{90}{21} = 4\frac{2}{7}$
3) $\frac{48}{20} = 2\frac{2}{5}$
4) $\frac{210}{28} = 7\frac{1}{2}$
5) $\frac{318}{36} = 8\frac{5}{6}$

6) $\frac{44}{12} = 3\frac{2}{3}$
7) $\frac{155}{25} = 6\frac{1}{5}$
8) $\frac{207}{63} = 3\frac{2}{7}$
9) $\frac{378}{48} = 7\frac{7}{8}$
10) $\frac{99}{18} = 5\frac{1}{2}$

11) $\frac{144}{44} = 3\frac{3}{11}$
12) $\frac{378}{90} = 4\frac{1}{5}$
13) $\frac{117}{36} = 3\frac{1}{4}$
14) $\frac{707}{84} = 8\frac{5}{12}$
15) $\frac{133}{42} = 3\frac{1}{6}$

16) $\frac{336}{36} = 9\frac{1}{3}$
17) $\frac{324}{40} = 8\frac{1}{10}$
18) $\frac{355}{45} = 7\frac{8}{9}$
19) $\frac{185}{25} = 7\frac{2}{5}$
20) $\frac{265}{35} = 7\frac{4}{7}$

21) $\frac{126}{27} = 4\frac{2}{3}$
22) $\frac{165}{36} = 4\frac{7}{12}$
23) $\frac{315}{42} = 7\frac{1}{2}$
24) $\frac{63}{14} = 4\frac{1}{2}$
25) $\frac{624}{88} = 7\frac{1}{11}$

26) $\frac{30}{8} = 3\frac{3}{4}$
27) $\frac{186}{48} = 3\frac{7}{8}$
28) $\frac{335}{50} = 6\frac{7}{10}$
29) $\frac{136}{16} = 8\frac{1}{2}$
30) $\frac{117}{18} = 6\frac{1}{2}$

31) $\frac{402}{72} = 5\frac{7}{12}$
32) $\frac{357}{42} = 8\frac{1}{2}$
33) $\frac{96}{18} = 5\frac{1}{3}$
34) $\frac{675}{99} = 6\frac{9}{11}$
35) $\frac{348}{48} = 7\frac{1}{4}$

36) $\frac{603}{81} = 7\frac{4}{9}$
37) $\frac{126}{30} = 4\frac{1}{5}$
38) $\frac{396}{42} = 9\frac{3}{7}$
39) $\frac{504}{90} = 5\frac{3}{5}$
40) $\frac{351}{36} = 9\frac{3}{4}$

41) $\frac{531}{63} = 8\frac{3}{7}$
42) $\frac{304}{96} = 3\frac{1}{6}$
43) $\frac{138}{48} = 2\frac{7}{8}$
44) $\frac{39}{6} = 6\frac{1}{2}$
45) $\frac{80}{12} = 6\frac{2}{3}$

46) $\frac{145}{15} = 9\frac{2}{3}$
47) $\frac{132}{27} = 4\frac{8}{9}$
48) $\frac{230}{55} = 4\frac{2}{11}$
49) $\frac{138}{15} = 9\frac{1}{5}$
50) $\frac{612}{72} = 8\frac{1}{2}$

51) $\frac{104}{16} = 6\frac{1}{2}$
52) $\frac{138}{18} = 7\frac{2}{3}$
53) $\frac{300}{54} = 5\frac{5}{9}$
54) $\frac{66}{14} = 4\frac{5}{7}$
55) $\frac{490}{84} = 5\frac{5}{6}$

56) $\frac{106}{20} = 5\frac{3}{10}$
57) $\frac{344}{40} = 8\frac{3}{5}$
58) $\frac{738}{99} = 7\frac{5}{11}$
59) $\frac{300}{48} = 6\frac{1}{4}$
60) $\frac{224}{42} = 5\frac{1}{3}$

61) $\frac{69}{9} = 7\frac{2}{3}$
62) $\frac{161}{35} = 4\frac{3}{5}$
63) $\frac{52}{8} = 6\frac{1}{2}$
64) $\frac{195}{40} = 4\frac{7}{8}$
65) $\frac{212}{36} = 5\frac{8}{9}$

66) $\frac{198}{21} = 9\frac{3}{7}$
67) $\frac{651}{70} = 9\frac{3}{10}$
68) $\frac{99}{36} = 2\frac{3}{4}$
69) $\frac{148}{44} = 3\frac{4}{11}$
70) $\frac{92}{24} = 3\frac{5}{6}$

71) $\frac{350}{60} = 5\frac{5}{6}$
72) $\frac{364}{77} = 4\frac{8}{11}$
73) $\frac{104}{20} = 5\frac{1}{5}$
74) $\frac{455}{49} = 9\frac{2}{7}$
75) $\frac{150}{24} = 6\frac{1}{4}$

76) $\frac{232}{72} = 3\frac{2}{9}$
77) $\frac{873}{90} = 9\frac{7}{10}$
78) $\frac{108}{24} = 4\frac{1}{2}$
79) $\frac{68}{12} = 5\frac{2}{3}$
80) $\frac{15}{6} = 2\frac{1}{2}$

Name:_____ Class:_____ Date:____/____/_____

Simplifying Fractions 3

Simplify the fractions.

1) $\frac{63}{9}$ = 7
2) $\frac{132}{22}$ = 6
3) $\frac{132}{36}$ = $3\frac{2}{3}$
4) $\frac{210}{40}$ = $5\frac{1}{4}$
5) $\frac{108}{12}$ = 9
6) $\frac{891}{99}$ = 9
7) $\frac{114}{24}$ = $4\frac{3}{4}$
8) $\frac{261}{27}$ = $9\frac{2}{3}$
9) $\frac{252}{36}$ = 7
10) $\frac{280}{49}$ = $5\frac{5}{7}$
11) $\frac{68}{8}$ = $8\frac{1}{2}$
12) $\frac{72}{10}$ = $7\frac{1}{5}$
13) $\frac{210}{66}$ = $3\frac{2}{11}$
14) $\frac{270}{45}$ = 6
15) $\frac{120}{24}$ = 5
16) $\frac{200}{50}$ = 4
17) $\frac{152}{16}$ = $9\frac{1}{2}$
18) $\frac{216}{54}$ = 4
19) $\frac{135}{45}$ = 3
20) $\frac{384}{44}$ = $8\frac{8}{11}$
21) $\frac{576}{96}$ = 6
22) $\frac{270}{90}$ = 3
23) $\frac{168}{56}$ = 3
24) $\frac{119}{28}$ = $4\frac{1}{4}$
25) $\frac{46}{6}$ = $7\frac{2}{3}$
26) $\frac{56}{8}$ = 7
27) $\frac{380}{45}$ = $8\frac{4}{9}$
28) $\frac{175}{35}$ = 5
29) $\frac{90}{20}$ = $4\frac{1}{2}$
30) $\frac{40}{16}$ = $2\frac{1}{2}$
31) $\frac{185}{40}$ = $4\frac{5}{8}$
32) $\frac{288}{45}$ = $6\frac{2}{5}$
33) $\frac{354}{72}$ = $4\frac{11}{12}$
34) $\frac{396}{54}$ = $7\frac{1}{3}$
35) $\frac{201}{33}$ = $6\frac{1}{11}$
36) $\frac{486}{54}$ = 9
37) $\frac{330}{50}$ = $6\frac{3}{5}$
38) $\frac{112}{12}$ = $9\frac{1}{3}$
39) $\frac{140}{28}$ = 5
40) $\frac{40}{8}$ = 5
41) $\frac{156}{18}$ = $8\frac{2}{3}$
42) $\frac{308}{77}$ = 4
43) $\frac{56}{28}$ = 2
44) $\frac{320}{40}$ = 8
45) $\frac{225}{24}$ = $9\frac{3}{8}$
46) $\frac{65}{15}$ = $4\frac{1}{3}$
47) $\frac{656}{96}$ = $6\frac{5}{6}$
48) $\frac{360}{90}$ = 4
49) $\frac{24}{8}$ = 3
50) $\frac{315}{45}$ = 7
51) $\frac{72}{24}$ = 3
52) $\frac{290}{60}$ = $4\frac{5}{6}$
53) $\frac{270}{54}$ = 5
54) $\frac{378}{54}$ = 7
55) $\frac{196}{28}$ = 7
56) $\frac{60}{30}$ = 2
57) $\frac{360}{40}$ = 9
58) $\frac{80}{16}$ = 5
59) $\frac{40}{10}$ = 4
60) $\frac{504}{77}$ = $6\frac{6}{11}$
61) $\frac{455}{56}$ = $8\frac{1}{8}$
62) $\frac{57}{6}$ = $9\frac{1}{2}$
63) $\frac{455}{60}$ = $7\frac{7}{12}$
64) $\frac{220}{44}$ = 5
65) $\frac{54}{18}$ = 3
66) $\frac{366}{54}$ = $6\frac{7}{9}$
67) $\frac{315}{35}$ = 9
68) $\frac{172}{24}$ = $7\frac{1}{6}$
69) $\frac{368}{64}$ = $5\frac{3}{4}$
70) $\frac{99}{36}$ = $2\frac{3}{4}$
71) $\frac{116}{28}$ = $4\frac{1}{7}$
72) $\frac{267}{30}$ = $8\frac{9}{10}$
73) $\frac{150}{40}$ = $3\frac{3}{4}$
74) $\frac{120}{15}$ = 8
75) $\frac{220}{35}$ = $6\frac{2}{7}$
76) $\frac{85}{10}$ = $8\frac{1}{2}$
77) $\frac{100}{12}$ = $8\frac{1}{3}$
78) $\frac{729}{81}$ = 9
79) $\frac{34}{6}$ = $5\frac{2}{3}$
80) $\frac{280}{70}$ = 4

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Addition

Solve.

1) What is $\frac{2}{4}$ plus $\frac{1}{4}$?

$\frac{3}{4}$

2) What is the sum of $\frac{7}{8}$ and $\frac{1}{6}$?

$1\frac{1}{24}$

3) Paul ran $\frac{1}{7}$ of a mile and then walked another $\frac{2}{8}$ of a mile. How far did he travel?

$\frac{11}{28}$

4) A recipe calls for $\frac{7}{8}$ cups of white flour and $\frac{3}{4}$ cups of whole wheat flour. How much flour in total is needed for the recipe?

$1\frac{5}{8}$

5) Ellen cycled $\frac{2}{3}$ miles. She then stopped to have a snack. Then she cycled $\frac{2}{5}$ more miles. How far did Ellen cycle?

$1\frac{1}{15}$

6) If the sum of two fractions is $1\frac{1}{3}$ and the first fraction is $\frac{3}{6}$, what is the second fraction?

$\frac{5}{6}$

7) Steven ran $\frac{1}{5}$ of a mile and then walked another $\frac{2}{3}$ of a mile. How far did he travel?

$\frac{13}{15}$

8) A recipe calls for $\frac{1}{12}$ cups of white flour and $\frac{3}{6}$ cups of whole wheat flour. How much flour in total is needed for the recipe?

$\frac{7}{12}$

9) Marin cycled $\frac{3}{6}$ miles. She then stopped to have a snack. Then she cycled $\frac{3}{8}$ more miles. How far did Marin cycle?

$\frac{7}{8}$

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Division

Solve.

1) Marcie bought 6 pounds of jelly beans. If she divides the jelly beans into $\frac{1}{2}$ pound portions, how many portions can she make?

12

2) Donald has a rope that is 12 meters long? He cuts the rope into $\frac{1}{6}$ meter lengths. How many pieces of rope did he end up with?

72

3) Sandra bought cheese that weighs $2\frac{1}{2}$ pounds. If she divides the cheese into $\frac{7}{9}$ pound portions, how many portions will she have?

$3\frac{3}{14}$

4) If you divide $\frac{2}{7}$ by $\frac{3}{7}$, what is the result?

$\frac{2}{3}$

5) Jake is baking mini cakes. The recipe requires $\frac{10}{12}$ cups of sugar for each cake. How many cakes can he make if he has 6 cups of sugar on hand?

$7\frac{1}{5}$

6) If you divide the fraction $\frac{5}{10}$ by another fraction and the result is $\frac{5}{7}$, what is the value of the other fraction?

$\frac{7}{10}$

7) Allan has a rope that is 12 meters long? He cuts the rope into $\frac{1}{3}$ meter lengths. How many pieces of rope did he end up with?

36

8) If you divide $\frac{2}{11}$ by $\frac{2}{11}$, what is the result?

1

9) If you divide the fraction $\frac{5}{7}$ by another fraction and the result is $\frac{5}{6}$, what is the value of the other fraction?

$\frac{6}{7}$

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Multiplication

Solve.

1) If you multiply $\frac{10}{12}$ by $\frac{1}{12}$, what is the result?

$\frac{5}{72}$

2) What is the product of $\frac{3}{4}$ and $\frac{2}{4}$?

$\frac{3}{8}$

3) There was $\frac{9}{10}$ of a pizza left in the fridge. Sharon ate $\frac{2}{10}$ of the leftover pizza. How much of the pizza did Sharon eat?

$\frac{9}{50}$

4) To start getting in shape for the football team, Jennifer ran $\frac{7}{12}$ miles every day. How many miles did she run in 20 days?

$11\frac{2}{3}$

5) Michele buys a bag of 12 muffins. During the week she eats $\frac{1}{8}$ of the muffins. How many muffins did she eat?

$1\frac{1}{2}$

6) If $\frac{5}{7}$ is multiplied by another fraction the result is $\frac{10}{49}$. What is the value of the other fraction?

$\frac{2}{7}$

7) What is the product of $\frac{2}{6}$ and $\frac{4}{6}$?

$\frac{2}{9}$

8) If $\frac{1}{9}$ is multiplied by another fraction the result is $\frac{8}{81}$. What is the value of the other fraction?

$\frac{8}{9}$

9) There was $\frac{2}{3}$ of a pizza left in the fridge. Billy ate $\frac{1}{3}$ of the leftover pizza. How much of the pizza did Billy eat?

$\frac{2}{9}$

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Fractions Subtraction

Solve.

1) Jake bought $\frac{6}{7}$ of a pound of jelly beans. He ate $\frac{5}{7}$ of a pound. How much was left?

$\frac{1}{7}$

2) If you subtract $\frac{6}{10}$ from another fraction and the result is $\frac{1}{5}$, what was the other fraction?

$\frac{8}{10}$

3) Marin bought $\frac{7}{8}$ of a pound of raisins. After eating some of the raisins there was $\frac{1}{8}$ of a pound left over. How much did Marin already eat?

$\frac{6}{8}$

4) Marcie walked $\frac{3}{5}$ of a mile on Monday and walked $\frac{2}{5}$ of a mile on Tuesday. How much further did Marcie walk on Monday?

$\frac{1}{5}$

5) Paul is working on a project that requires a piece of wire that is $\frac{9}{11}$ of a meter long. He has a longer piece of wire that he cuts and removes $\frac{1}{11}$ of a meter to make it the right size. How long was the original piece of wire?

$\frac{10}{11}$

6) If you subtract $\frac{4}{8}$ from $\frac{6}{8}$ what is the result?

$\frac{1}{4}$

7) What is $\frac{9}{10}$ minus $\frac{1}{10}$?

$\frac{4}{5}$

8) Billy bought $\frac{4}{5}$ of a pound of jelly beans. He ate $\frac{2}{5}$ of a pound. How much was left?

$\frac{2}{5}$

9) Janet walked $\frac{2}{3}$ of a mile on Monday and walked $\frac{1}{3}$ of a mile on Tuesday. How much further did Janet walk on Monday?

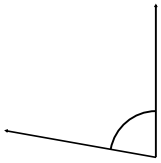
$\frac{1}{3}$

Name:_____ Class:_____ Date:____/____/_____

Angles 1

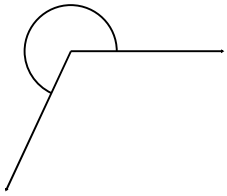
Classify and measure the angles.

1)



80º Acute

2)

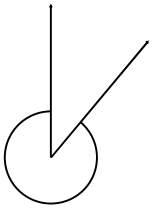


245º Reflex

3)

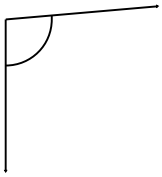
180º Straight

4)



320º Reflex

5)

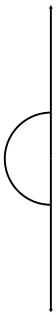


95º Obtuse

6)

155º Obtuse

7)

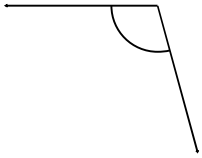


180º Straight

8)

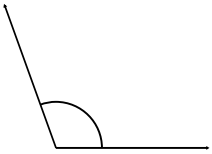
175º Obtuse

9)



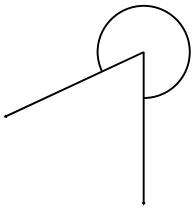
105º Obtuse

10)



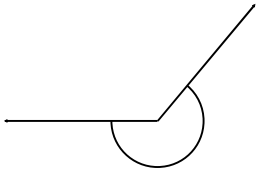
110º Obtuse

11)



295º Reflex

12)



230º Reflex

Name:_____ Class:_____ Date:____/____/_____

Angles 2

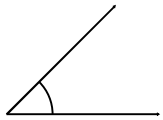
Classify and measure the angles.

1)

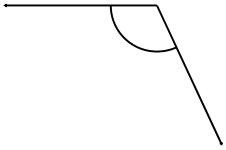
180º Straight

2)

185º Reflex

3) 

45º Acute

4) 

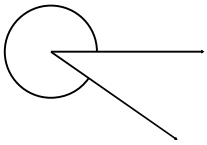
115º Obtuse

5)

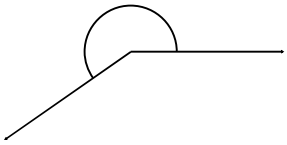
175º Obtuse

6)

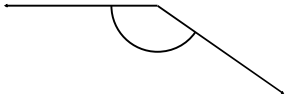
190º Reflex

7) 

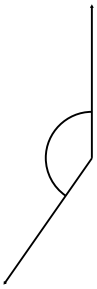
325º Reflex

8) 

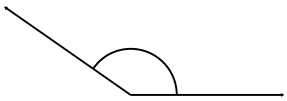
215º Reflex

9) 

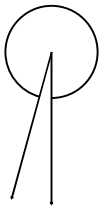
145º Obtuse

10) 

145º Obtuse

11) 

145º Obtuse

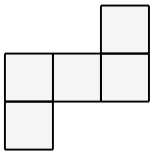
12) 

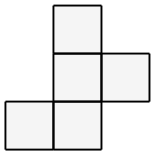
345º Reflex

Name:_____ Class:_____ Date:____/____/_____

Perimeter Of Shapes

Find the perimeter of each shape.

1) 
P = 12 cm

2) 
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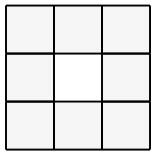
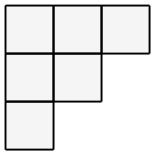
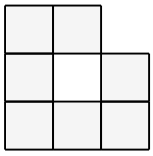
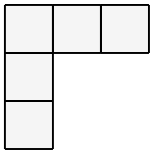
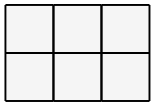
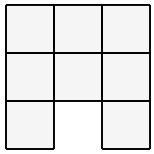
3) 
P = 12 cm

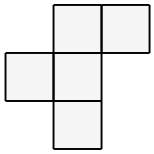
4) 
P = 12 cm

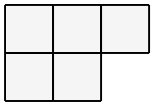
5) 
P = 12 cm

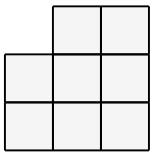
6) 
P = 12 cm

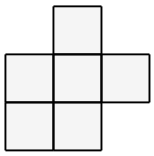
7) 
P = 10 cm

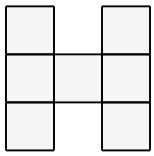
8) 
P = 14 cm

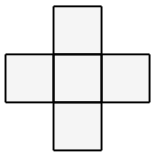
9) 
P = 12 cm

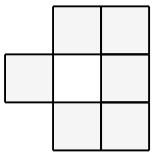
10) 
P = 10 cm

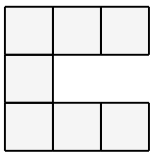
11) 
P = 12 cm

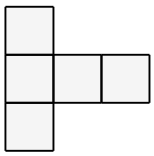
12) 
P = 12 cm

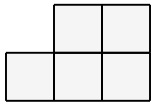
13) 
P = 16 cm

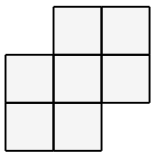
14) 
P = 12 cm

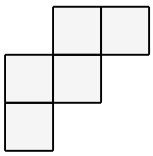
15) 
P = 12 cm

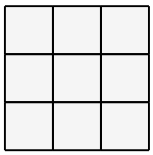
16) 
P = 16 cm

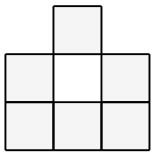
17) 
P = 12 cm

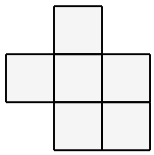
18) 
P = 10 cm

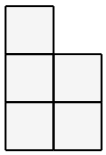
19) 
P = 12 cm

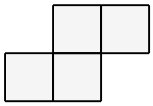
20) 
P = 12 cm

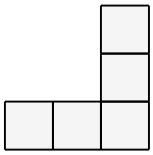
21) 
P = 12 cm

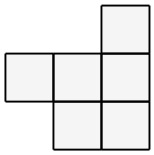
22) 
P = 12 cm

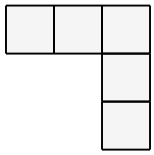
23) 
P = 12 cm

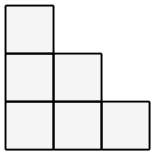
24) 
P = 10 cm

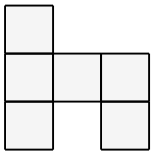
25) 
P = 10 cm

26) 
P = 12 cm

27) 
P = 12 cm

28) 
P = 12 cm

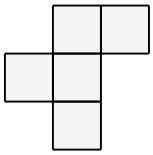
29) 
P = 12 cm

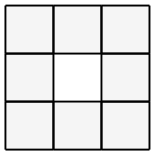
30) 
P = 14 cm

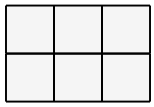
Name:_____ Class:_____ Date:____/____/_____

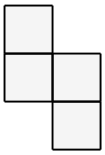
Area Of Shapes

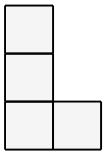
Find the area of each shape.

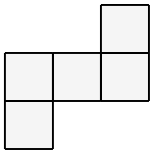
1) 
A = 5 cm²

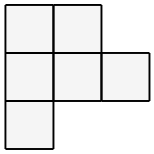
2) 
A = 8 cm²

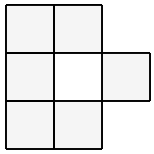
3) 
A = 6 cm²

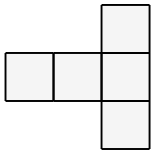
4) 
A = 4 cm²

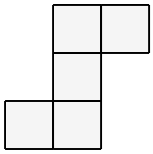
5) 
A = 4 cm²

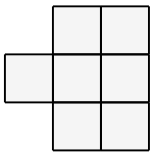
6) 
A = 5 cm²

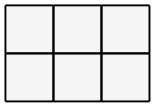
7) 
A = 6 cm²

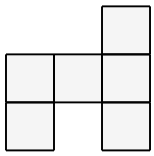
8) 
A = 6 cm²

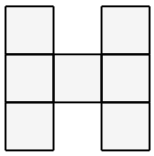
9) 
A = 5 cm²

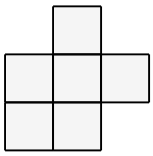
10) 
A = 5 cm²

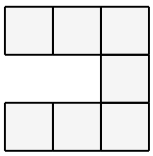
11) 
A = 7 cm²

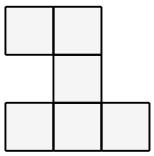
12) 
A = 6 cm²

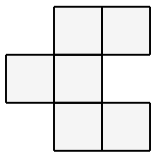
13) 
A = 6 cm²

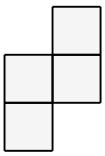
14) 
A = 7 cm²

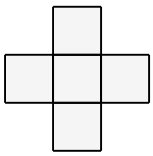
15) 
A = 6 cm²

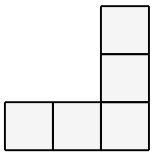
16) 
A = 7 cm²

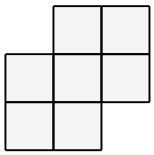
17) 
A = 6 cm²

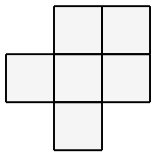
18) 
A = 6 cm²

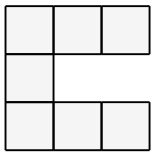
19) 
A = 4 cm²

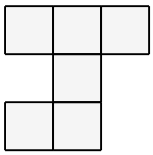
20) 
A = 5 cm²

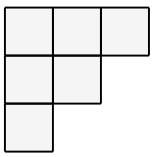
21) 
A = 5 cm²

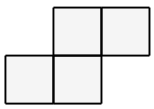
22) 
A = 7 cm²

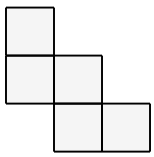
23) 
A = 6 cm²

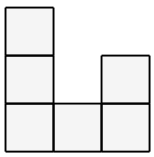
24) 
A = 7 cm²

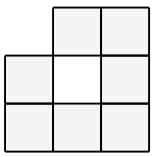
25) 
A = 6 cm²

26) 
A = 6 cm²

27) 
A = 4 cm²

28) 
A = 5 cm²

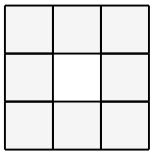
29) 
A = 6 cm²

30) 
A = 7 cm²

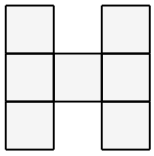
Name:_____ Class:_____ Date:____/____/_____

Perimeter And Area Of Shapes 1

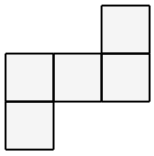
Find the perimeter and area of each shape.

1) 

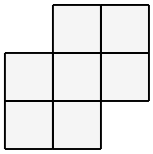
P = 12 cm A = 8 cm^2

2) 

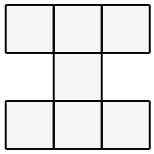
P = 16 cm A = 7 cm^2

3) 

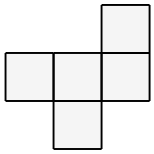
P = 12 cm A = 5 cm^2

4) 

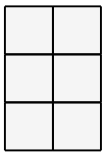
P = 12 cm A = 7 cm^2

5) 

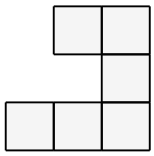
P = 16 cm A = 7 cm^2

6) 

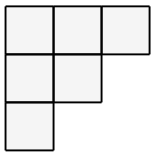
P = 12 cm A = 5 cm^2

7) 

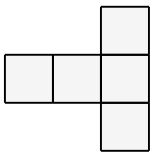
P = 10 cm A = 6 cm^2

8) 

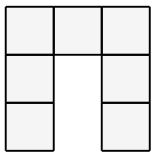
P = 14 cm A = 6 cm^2

9) 

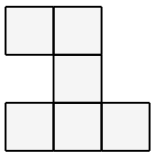
P = 12 cm A = 6 cm^2

10) 

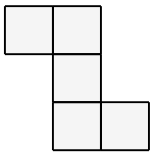
P = 12 cm A = 5 cm^2

11) 

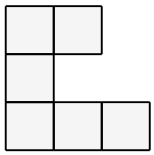
P = 16 cm A = 7 cm^2

12) 

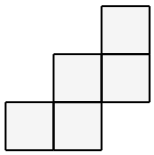
P = 14 cm A = 6 cm^2

13) 

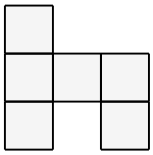
P = 12 cm A = 5 cm^2

14) 

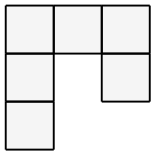
P = 14 cm A = 6 cm^2

15) 

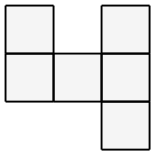
P = 12 cm A = 5 cm^2

16) 

P = 14 cm A = 6 cm^2

17) 

P = 14 cm A = 6 cm^2

18) 

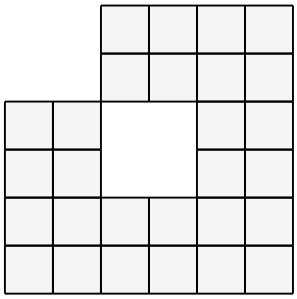
P = 14 cm A = 6 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter And Area Of Shapes 2

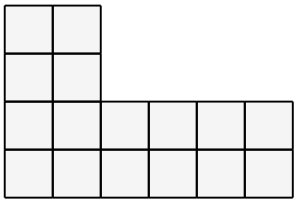
Find the perimeter and area of each shape.

1)



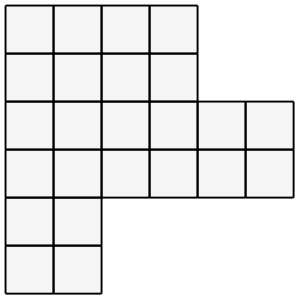
P = 24 cm A = 28 cm^2

2)



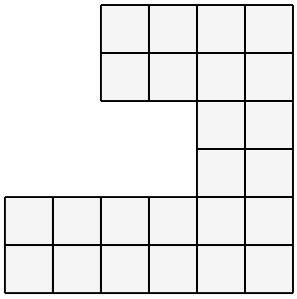
P = 20 cm A = 16 cm^2

3)



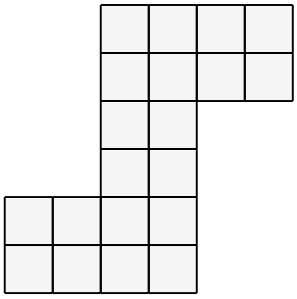
P = 24 cm A = 24 cm^2

4)



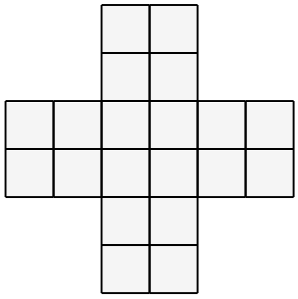
P = 28 cm A = 24 cm^2

5)



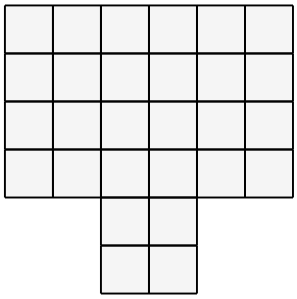
P = 24 cm A = 20 cm^2

6)



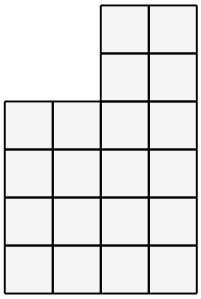
P = 24 cm A = 20 cm^2

7)



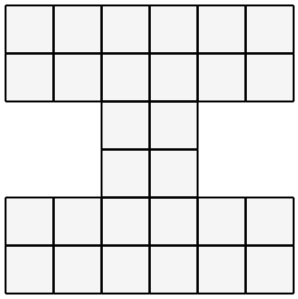
P = 24 cm A = 28 cm^2

8)



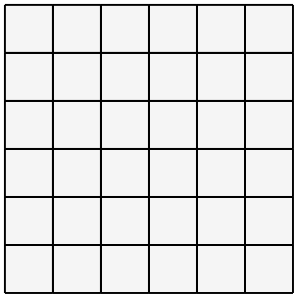
P = 20 cm A = 20 cm^2

9)



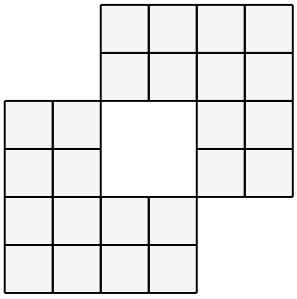
P = 32 cm A = 28 cm^2

10)



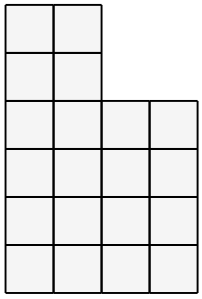
P = 24 cm A = 36 cm^2

11)



P = 24 cm A = 24 cm^2

12)



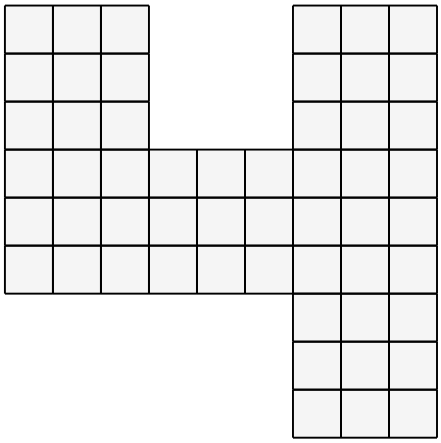
P = 20 cm A = 20 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter And Area Of Shapes 3

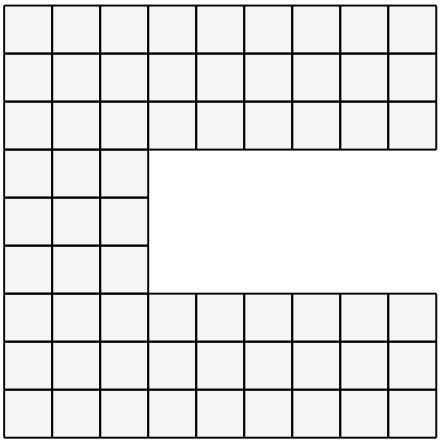
Find the perimeter and area of each shape.

1)



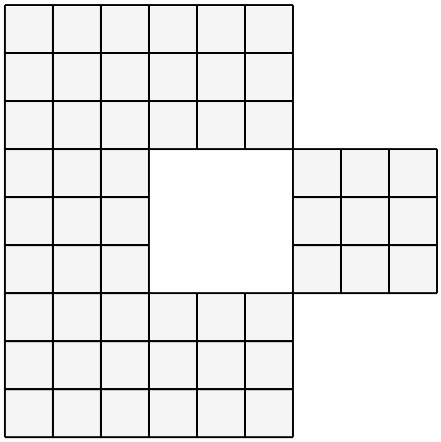
P = 42 cm A = 54 cm^2

2)



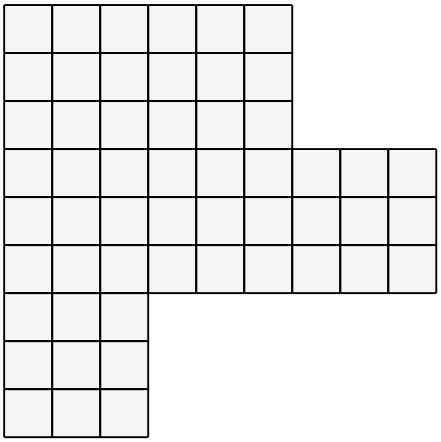
P = 48 cm A = 63 cm^2

3)



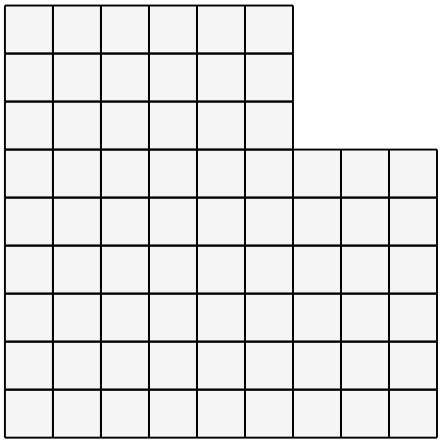
P = 36 cm A = 54 cm^2

4)



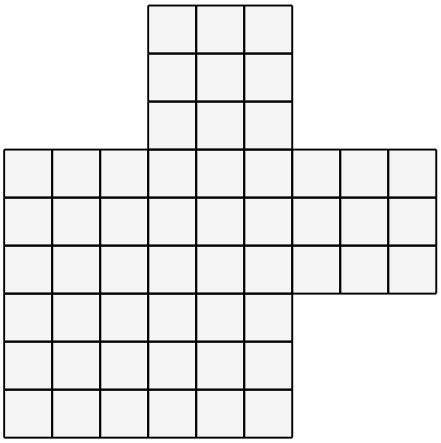
P = 36 cm A = 54 cm^2

5)



P = 36 cm A = 72 cm^2

6)

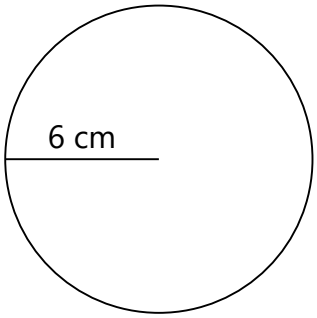


P = 36 cm A = 54 cm^2

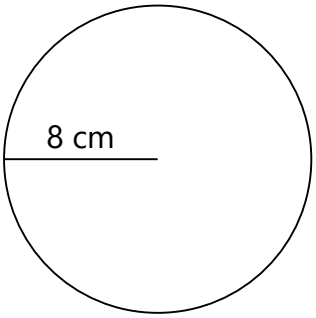
Name:_____ Class:_____ Date:____/____/_____

Circles Circumference

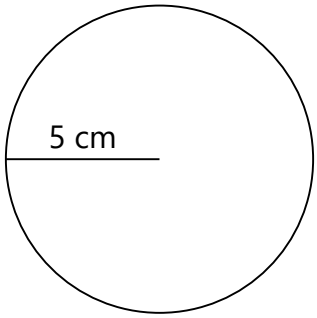
Calculate the circumference of each circle.

1) 

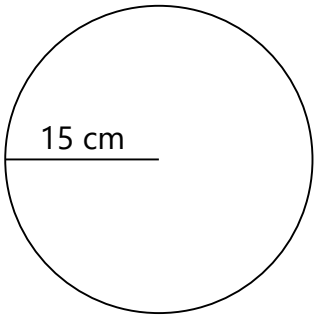
C=37.69908 cm

2) 

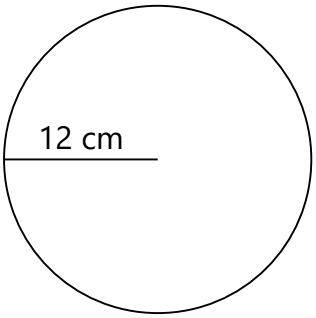
C=50.26544 cm

3) 

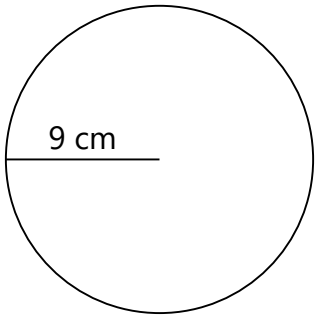
C=31.41590 cm

4) 

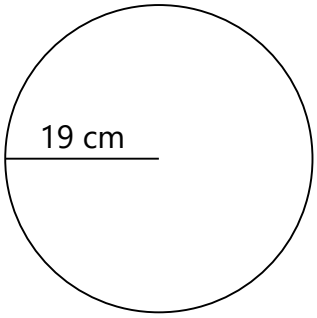
C=94.24770 cm

5) 

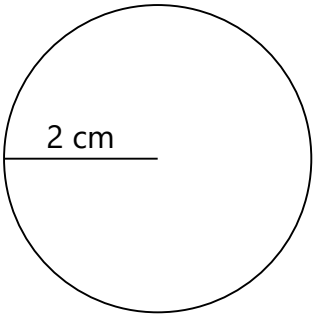
C=75.39816 cm

6) 

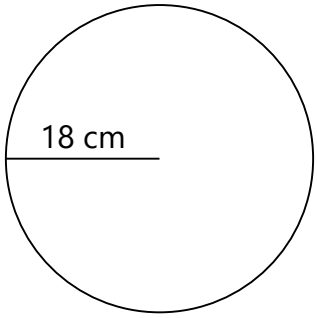
C=56.54862 cm

7) 

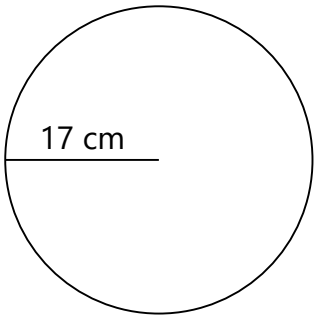
C=119.38042 cm

8) 

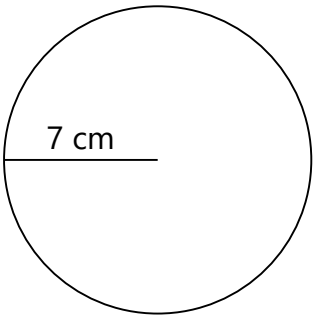
C=12.56636 cm

9) 

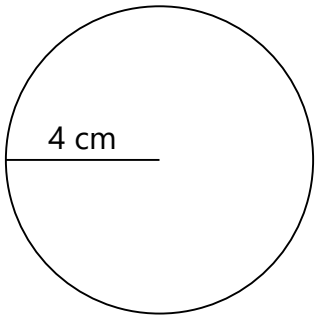
C=113.09724 cm

10) 

C=106.81406 cm

11) 

C=43.98226 cm

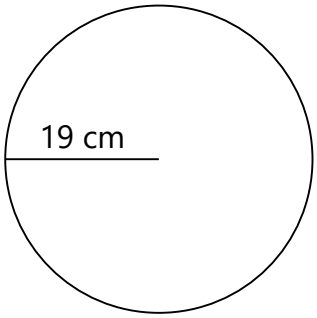
12) 

C=25.13272 cm

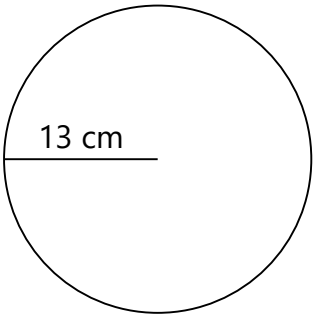
Name:_____ Class:_____ Date:____/____/_____

Circles Area

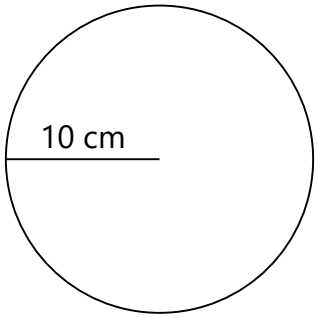
Calculate the area of each circle.

1) 

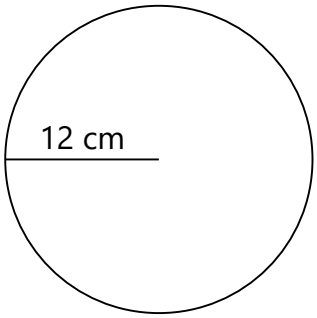
A=1,134.11399 cm^2

2) 

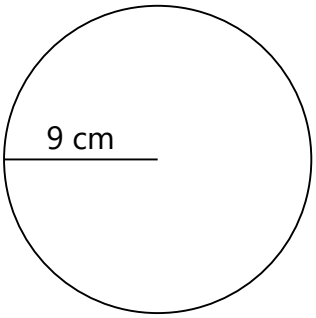
A=530.92871 cm^2

3) 

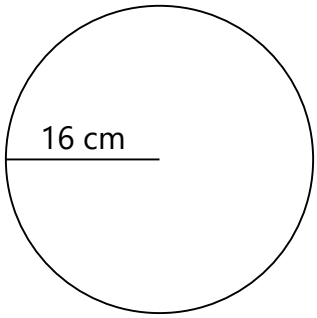
A=314.15900 cm^2

4) 

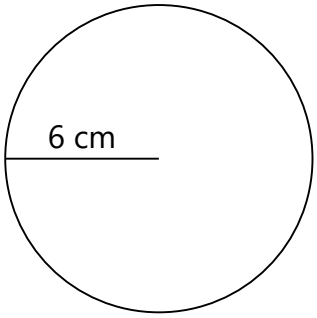
A=452.38896 cm^2

5) 

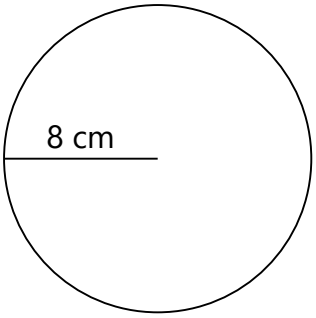
A=254.46879 cm^2

6) 

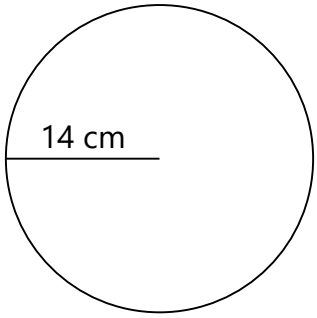
A=804.24704 cm^2

7) 

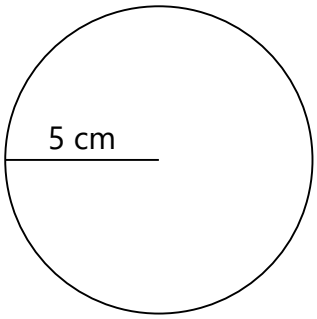
A=113.09724 cm^2

8) 

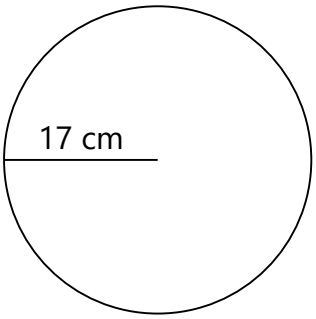
A=201.06176 cm^2

9) 

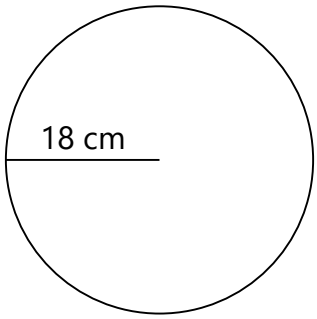
A=615.75164 cm^2

10) 

A=78.53975 cm^2

11) 

A=907.91951 cm^2

12) 

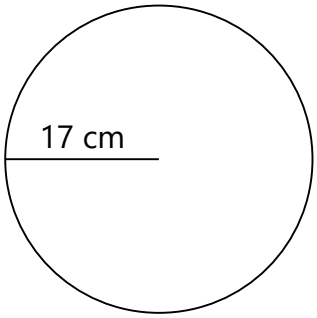
A=1,017.87516 cm^2

Name:_____ Class:_____ Date:____/____/_____

Circles Area And Circumference

Calculate the area and circumference of each circle.

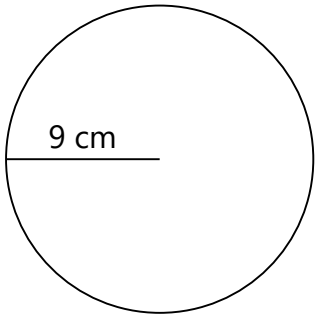
1)



C=106.81406 cm

A=907.91951 cm^2

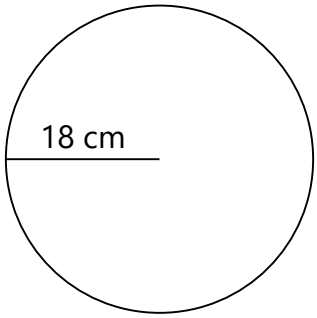
2)



C=56.54862 cm

A=254.46879 cm^2

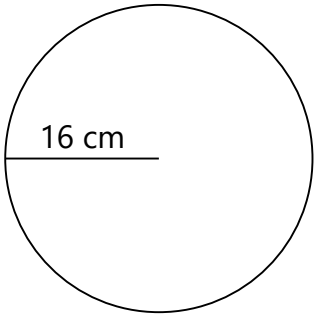
3)



C=113.09724 cm

A=1,017.87516 cm^2

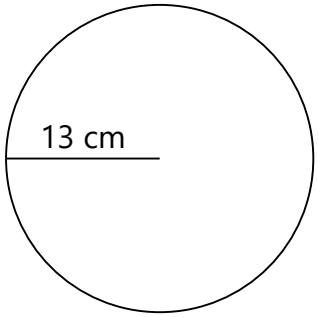
4)



C=100.53088 cm

A=804.24704 cm^2

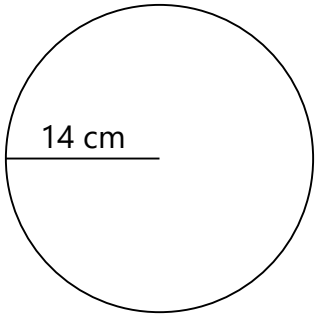
5)



C=81.68134 cm

A=530.92871 cm^2

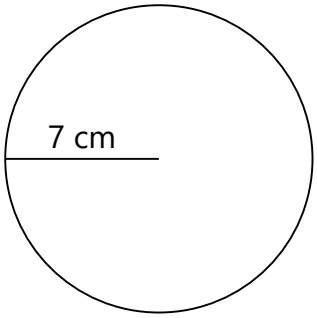
6)



C=87.96452 cm

A=615.75164 cm^2

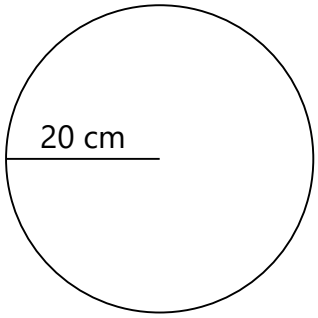
7)



C=43.98226 cm

A=153.93791 cm^2

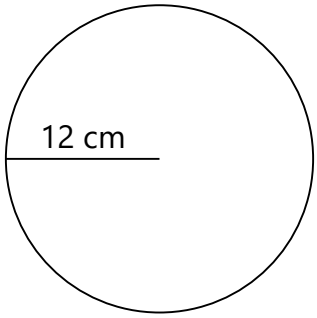
8)



C=125.66360 cm

A=1,256.63600 cm^2

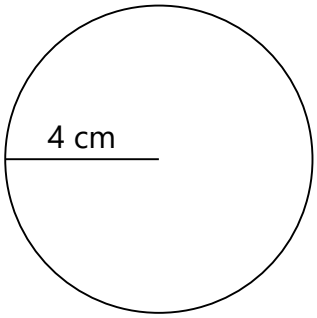
9)



C=75.39816 cm

A=452.38896 cm^2

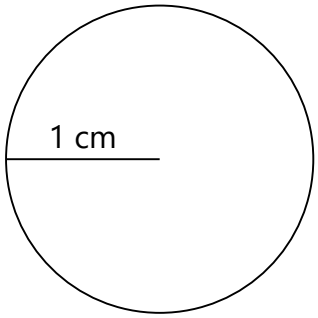
10)



C=25.13272 cm

A=50.26544 cm^2

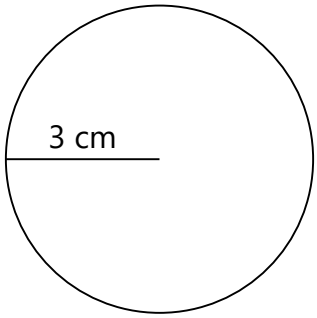
11)



C=6.28318 cm

A=3.14159 cm^2

12)



C=18.84954 cm

A=28.27431 cm^2

Name:_____ Class:_____ Date:____/____/_____

Measuring Lines

Measure the lines to the nearest millimetre.

1) 177 mm

2) 142 mm

3) 135 mm

4) 60 mm

5) 161 mm

6) 113 mm

7) 88 mm

8) 96 mm

9) 133 mm

10) 34 mm

11) 42 mm

12) 104 mm

13) 51 mm

14) 169 mm

15) 117 mm

Name:_____ Class:_____ Date:____/____/_____

Measuring Rectangles 1

Measure the size, perimeter and area of these rectangles.

1) P =130
A =816
17
48

2) P =118
A =864
27
32

3) P =178
A =1,960
40
49

4) P =124
A =912
38
24

5) P =150
A =1,364
44
31

6) P =146
A =1,260
45
28

7) P =120
A =800
40
20

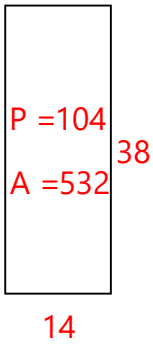
8) P =106
A =690
23
30

Name:_____ Class:_____ Date:____/____/_____

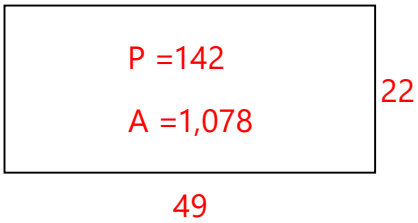
Measuring Rectangles 2

Measure the size, perimeter and area of these rectangles.

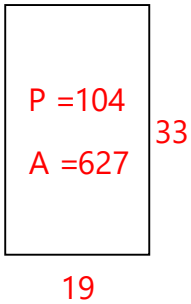
1)



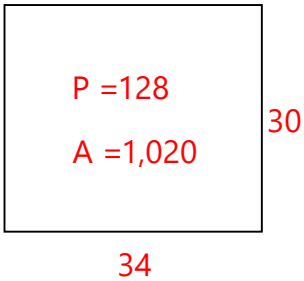
2)



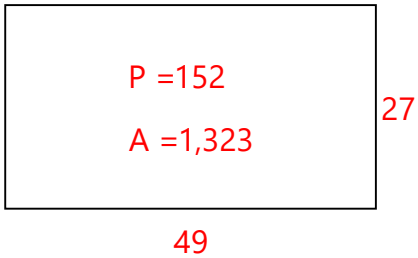
3)



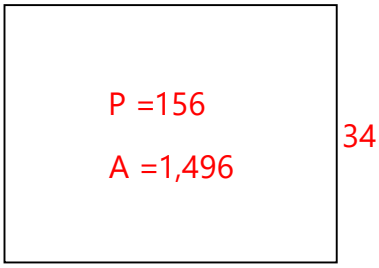
4)



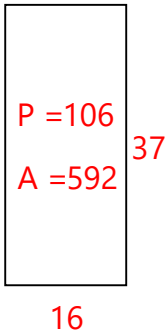
5)



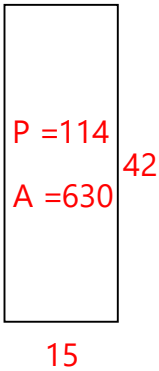
6)



7)



8)

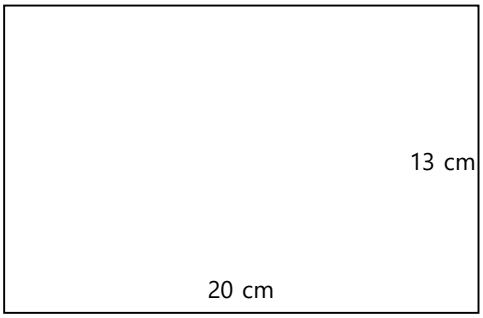


Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 1

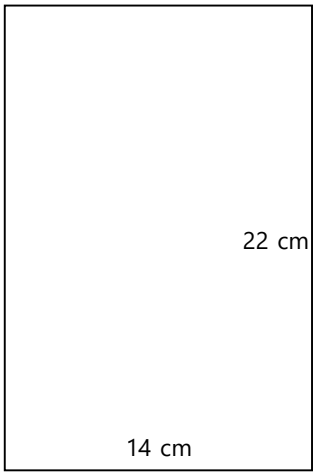
Find the perimeter and area.

1)



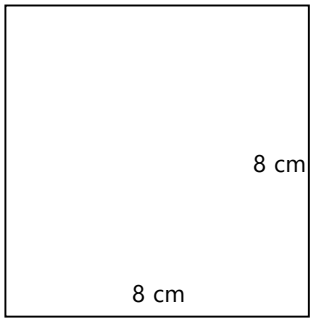
P = 66 cm A = 260 cm^2

2)



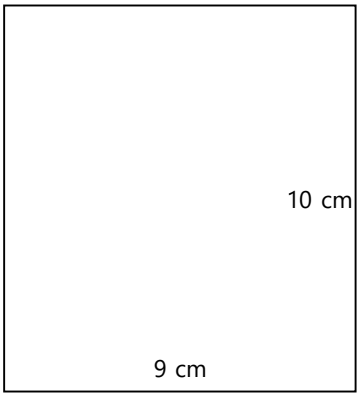
P = 72 cm A = 308 cm^2

3)



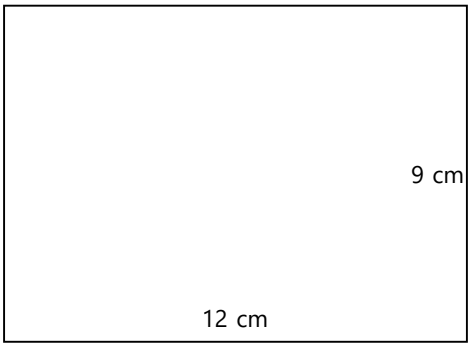
P = 32 cm A = 64 cm^2

4)



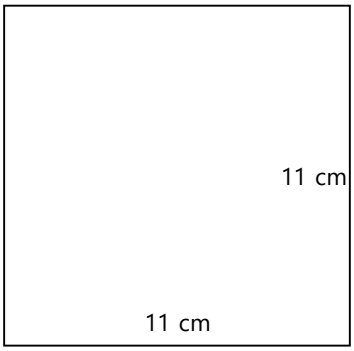
P = 38 cm A = 90 cm^2

5)



P = 42 cm A = 108 cm^2

6)



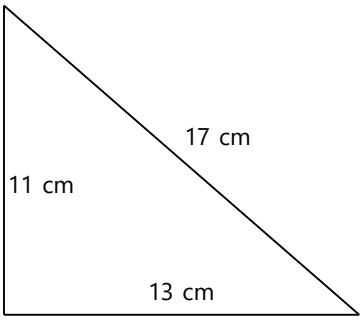
P = 44 cm A = 121 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 2

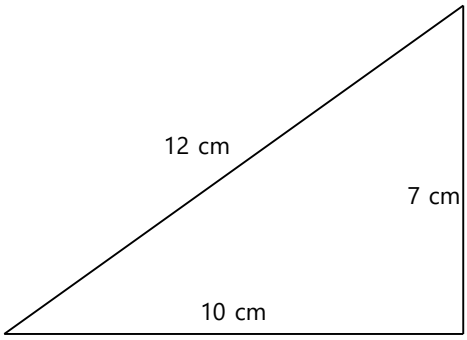
Find the perimeter and area.

1)



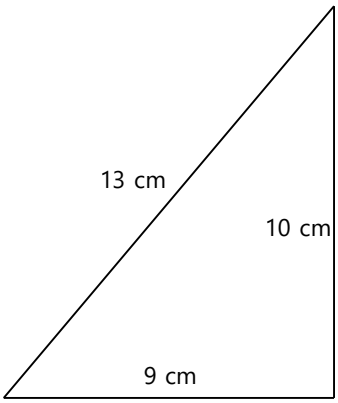
P = 41 cm A = 71.5 cm^2

2)



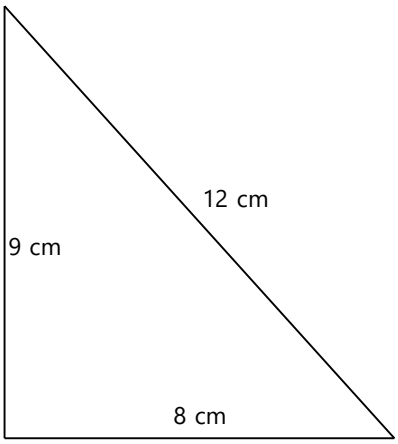
P = 29 cm A = 35 cm^2

3)



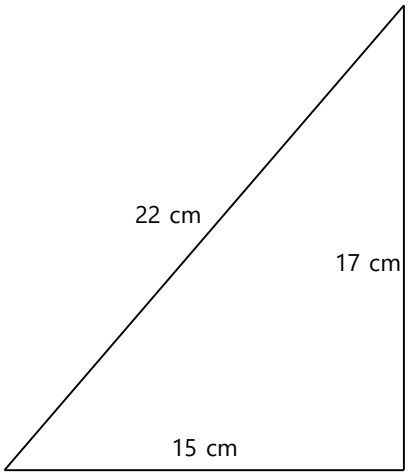
P = 32 cm A = 45 cm^2

4)



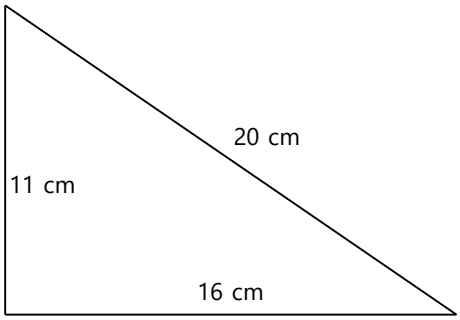
P = 29 cm A = 36 cm^2

5)



P = 54 cm A = 127.5 cm^2

6)



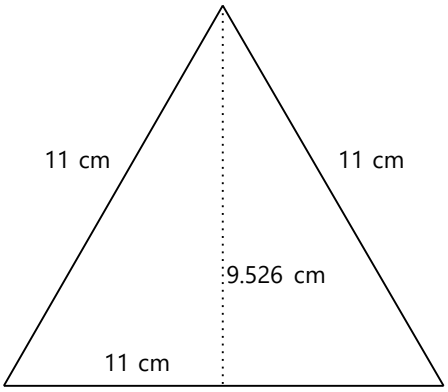
P = 47 cm A = 88 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 3

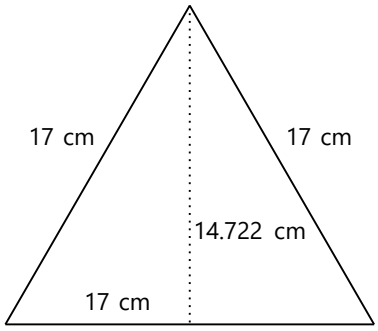
Find the perimeter and area.

1)



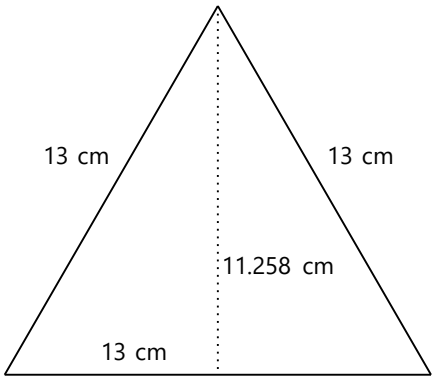
P = 33 cm A = 52.39 cm^2

2)



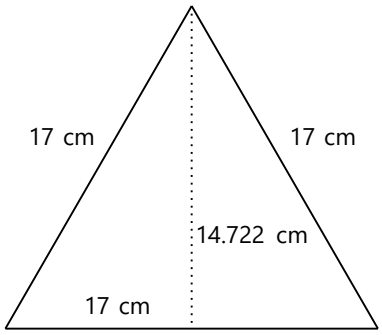
P = 51 cm A = 125.14 cm^2

3)



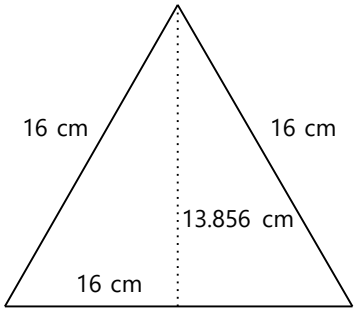
P = 39 cm A = 73.18 cm^2

4)



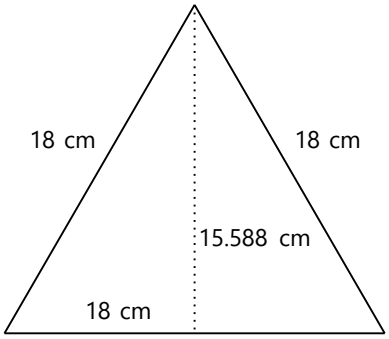
P = 51 cm A = 125.14 cm^2

5)



P = 48 cm A = 110.85 cm^2

6)



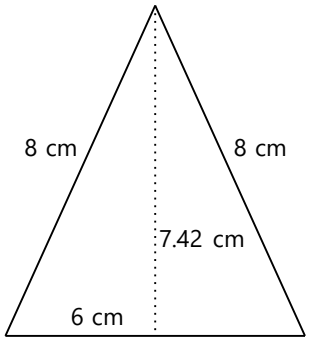
P = 54 cm A = 140.29 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 4

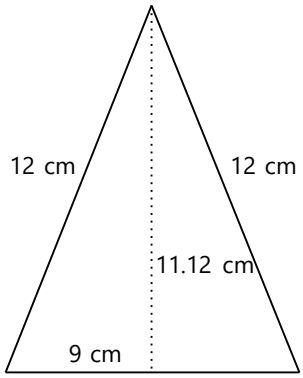
Find the perimeter and area.

1)



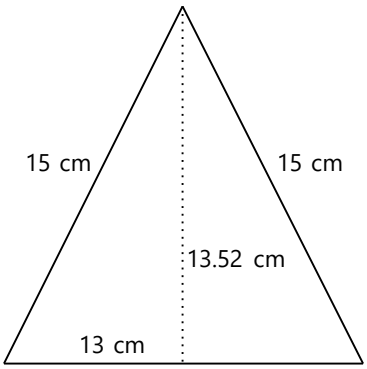
P = 22 cm A = 22.26 cm^2

2)



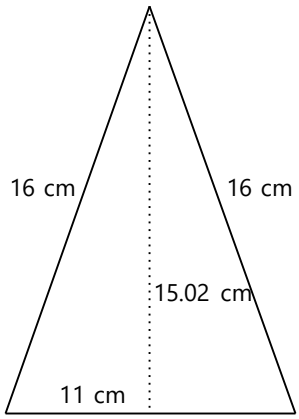
P = 33 cm A = 50.04 cm^2

3)



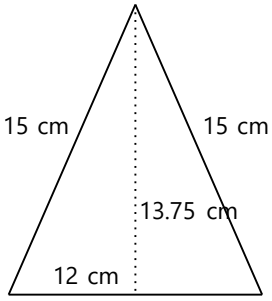
P = 43 cm A = 87.88 cm^2

4)



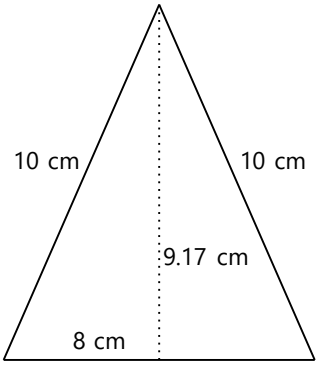
P = 43 cm A = 82.61 cm^2

5)



P = 42 cm A = 82.5 cm^2

6)



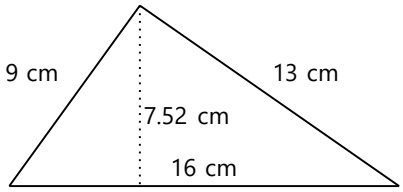
P = 28 cm A = 36.68 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 5

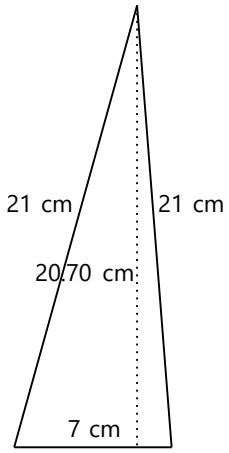
Find the perimeter and area.

1)



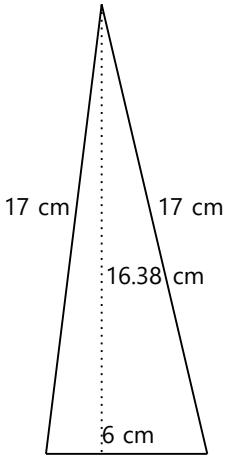
P = 38 cm A = 60.16 cm^2

2)



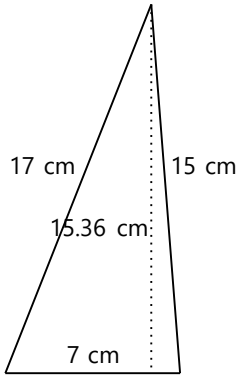
P = 49 cm A = 72.45 cm^2

3)



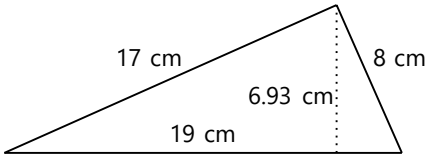
P = 40 cm A = 49.14 cm^2

4)



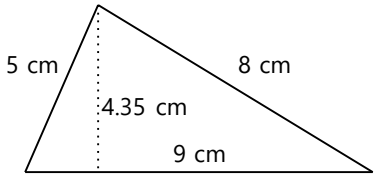
P = 39 cm A = 53.76 cm^2

5)



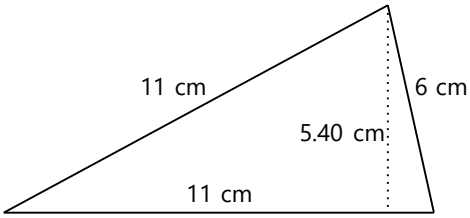
P = 44 cm A = 65.84 cm^2

6)



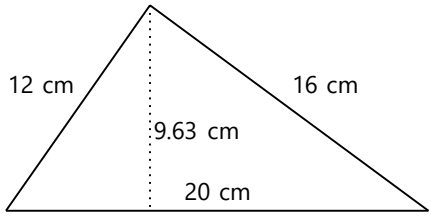
P = 22 cm A = 19.58 cm^2

7)



P = 28 cm A = 29.7 cm^2

8)



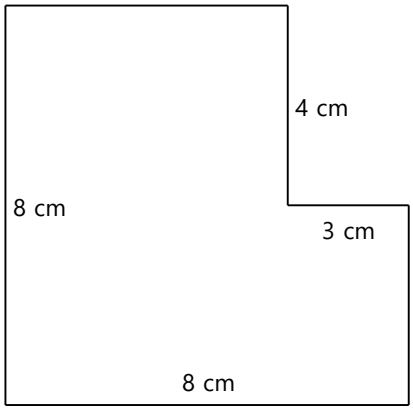
P = 48 cm A = 96.3 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 6

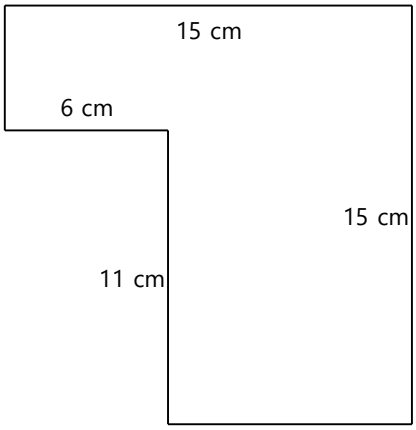
Find the perimeter and area.

1)



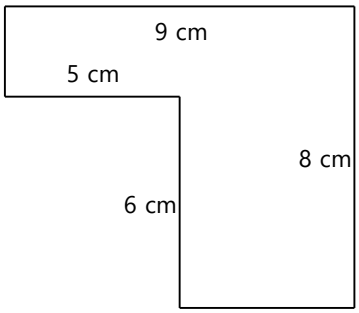
P = 32 cm A = 52 cm^2

2)



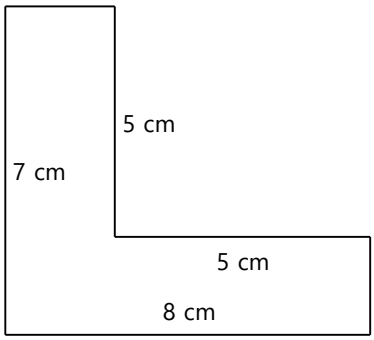
P = 60 cm A = 159 cm^2

3)



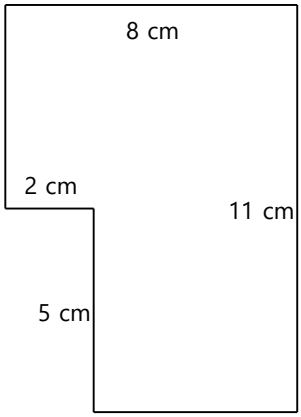
P = 34 cm A = 42 cm^2

4)



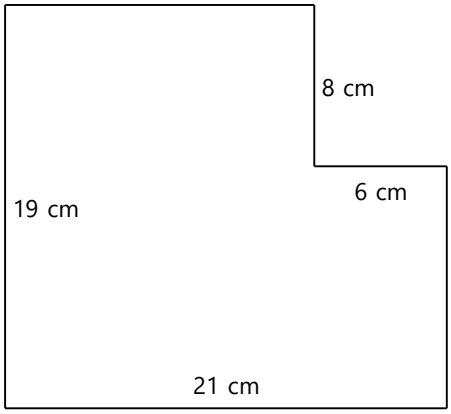
P = 30 cm A = 31 cm^2

5)



P = 38 cm A = 78 cm^2

6)



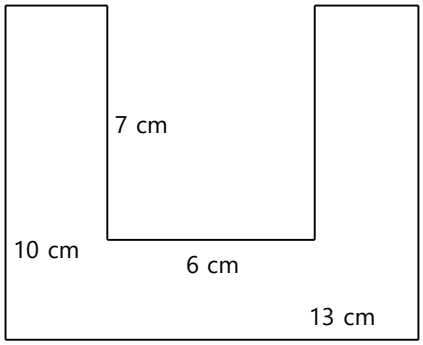
P = 80 cm A = 351 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 7

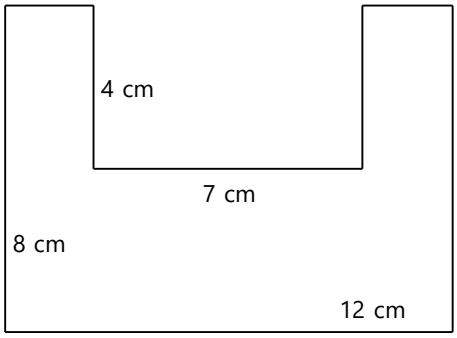
Find the perimeter and area.

1)



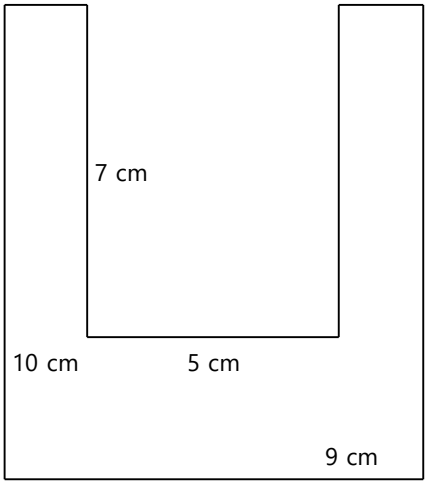
P = 60 cm A = 88 cm^2

2)



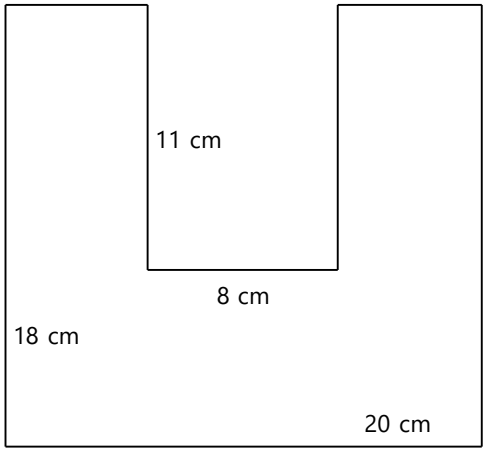
P = 48 cm A = 68 cm^2

3)



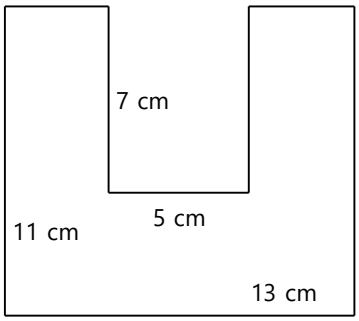
P = 52 cm A = 55 cm^2

4)



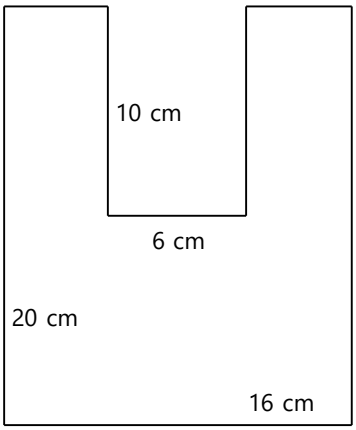
P = 98 cm A = 272 cm^2

5)



P = 62 cm A = 108 cm^2

6)



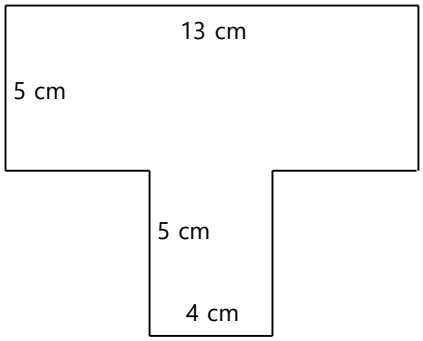
P = 92 cm A = 260 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 8

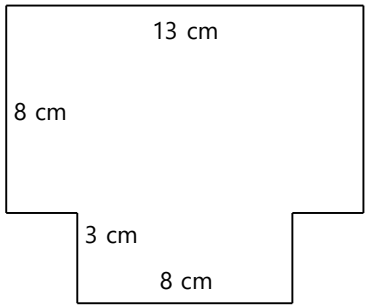
Find the perimeter and area.

1)



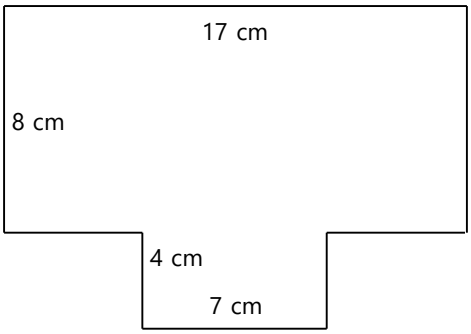
P = 46 cm A = 85 cm^2

2)



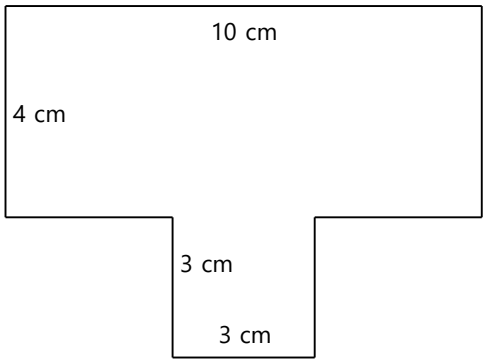
P = 48 cm A = 128 cm^2

3)



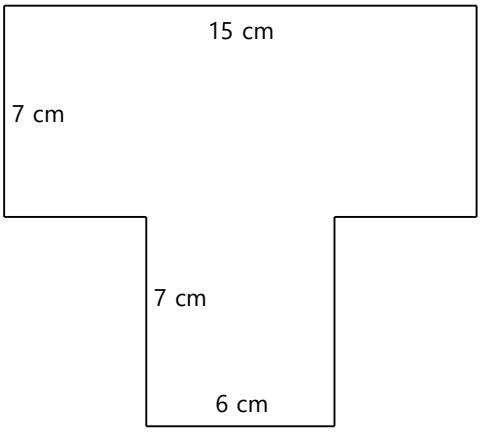
P = 58 cm A = 164 cm^2

4)



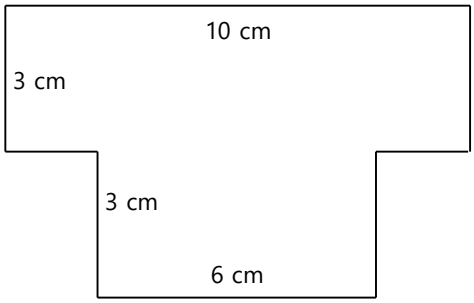
P = 34 cm A = 49 cm^2

5)



P = 58 cm A = 147 cm^2

6)



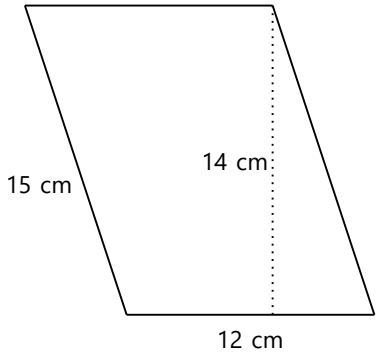
P = 32 cm A = 48 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 9

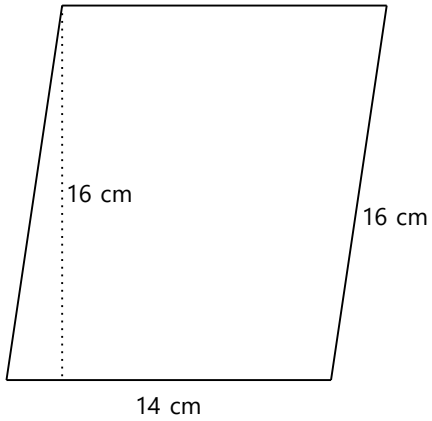
Find the perimeter and area.

1)



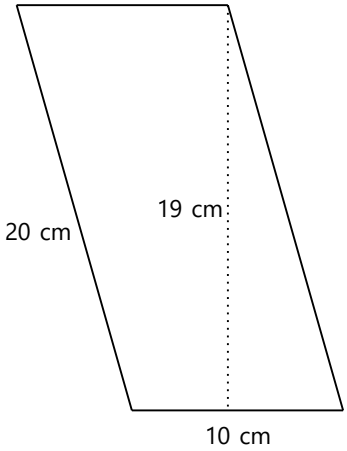
P = 54 cm A = 168 cm^2

2)



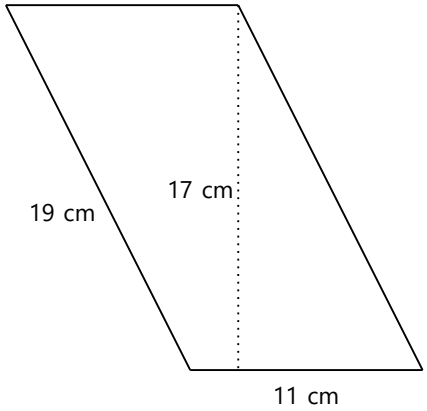
P = 60 cm A = 224 cm^2

3)



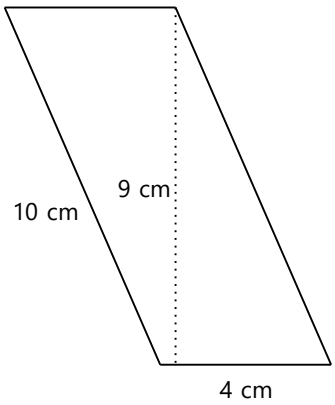
P = 60 cm A = 190 cm^2

4)



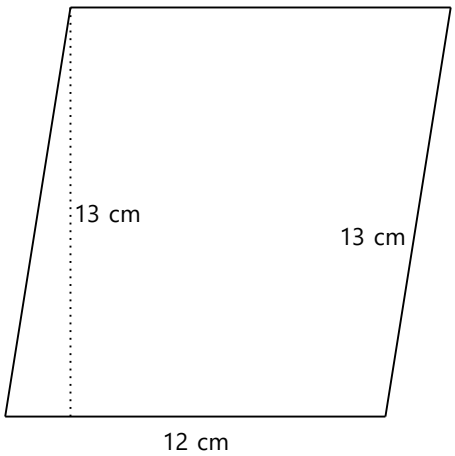
P = 60 cm A = 187 cm^2

5)



P = 28 cm A = 36 cm^2

6)



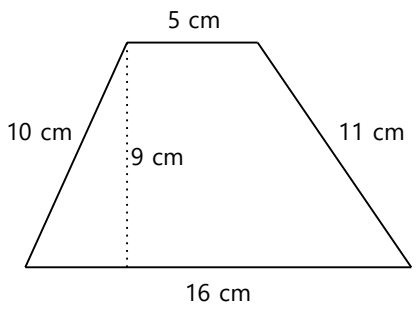
P = 50 cm A = 156 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 10

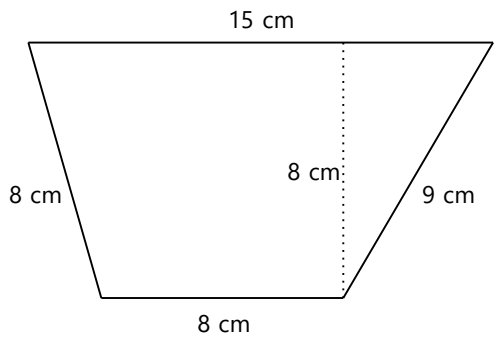
Find the perimeter and area.

1)



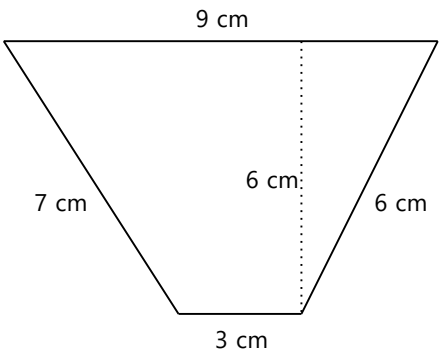
P = 42 cm A = 94 cm^2

2)



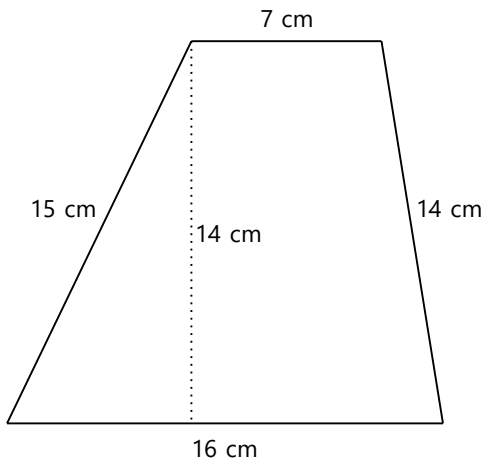
P = 40 cm A = 92 cm^2

3)



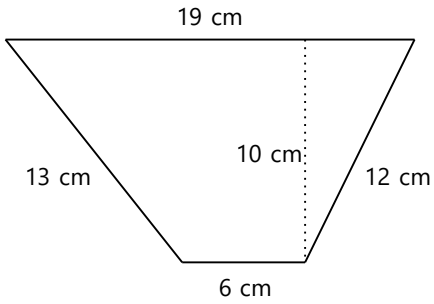
P = 25 cm A = 36 cm^2

4)



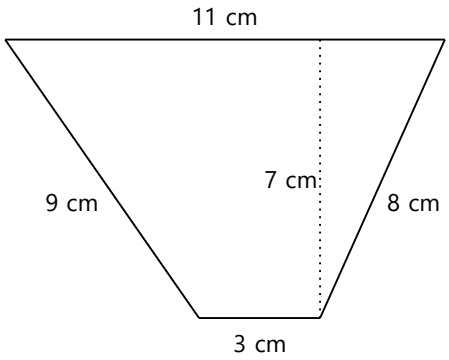
P = 52 cm A = 161 cm^2

5)



P = 50 cm A = 125 cm^2

6)



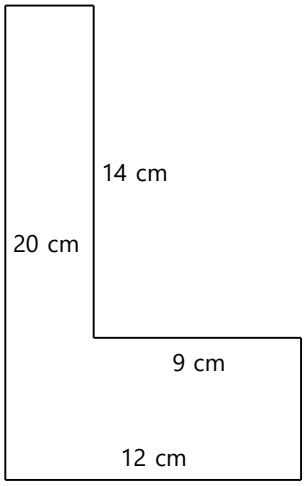
P = 31 cm A = 49 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 10

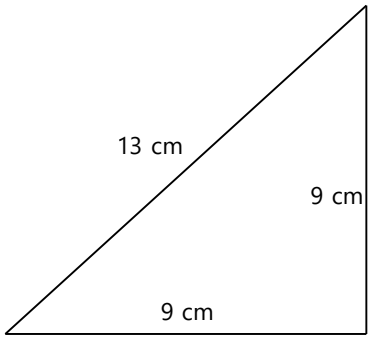
Find the perimeter and area.

1)



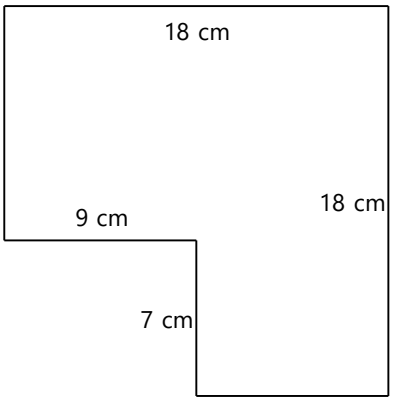
P = 64 cm A = 114 cm^2

2)



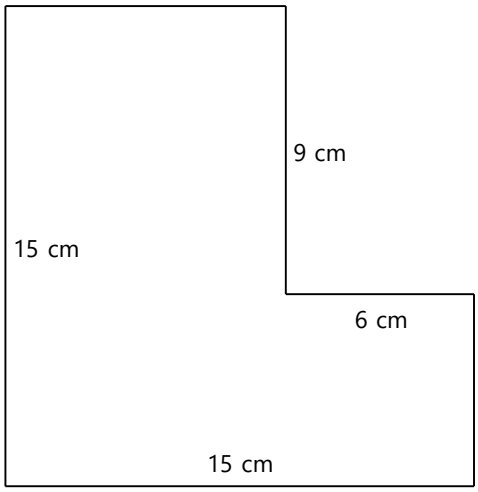
P = 31 cm A = 40.5 cm^2

3)



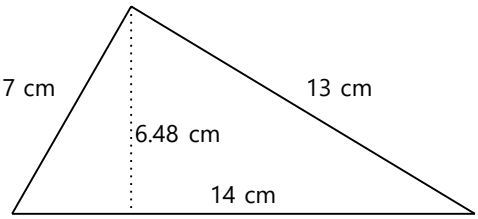
P = 72 cm A = 261 cm^2

4)



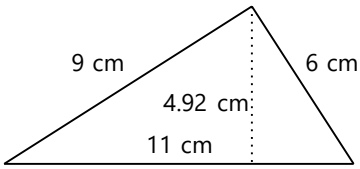
P = 60 cm A = 171 cm^2

5)



P = 34 cm A = 45.36 cm^2

6)



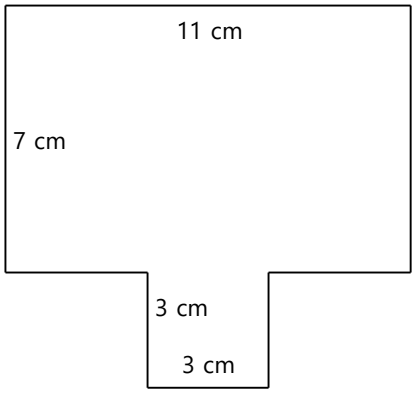
P = 26 cm A = 27.06 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 11

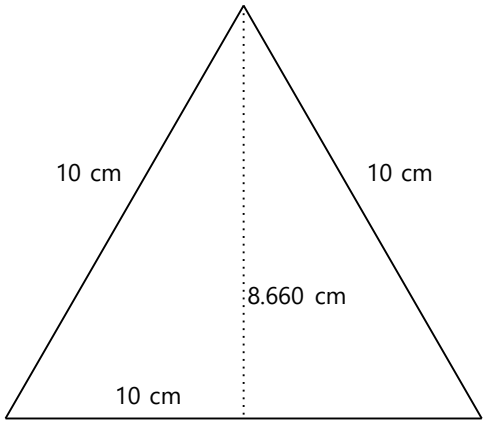
Find the perimeter and area.

1)



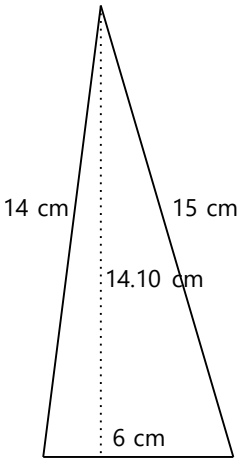
P = 42 cm A = 86 cm^2

2)



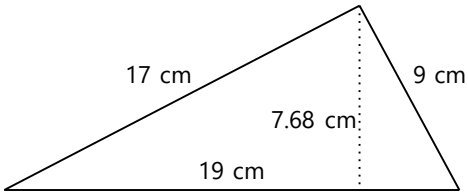
P = 30 cm A = 43.3 cm^2

3)



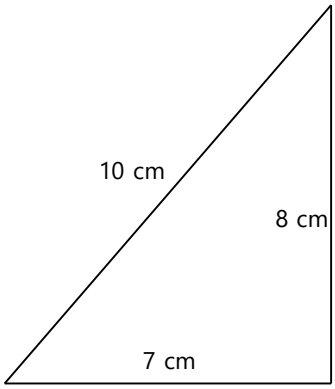
P = 35 cm A = 42.3 cm^2

4)



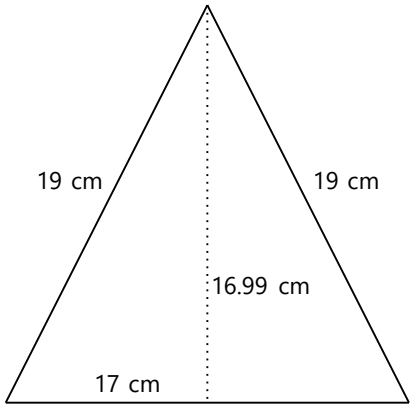
P = 45 cm A = 72.96 cm^2

5)



P = 25 cm A = 28 cm^2

6)



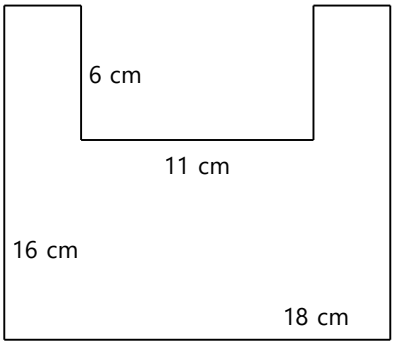
P = 55 cm A = 144.42 cm^2

Name:_____ Class:_____ Date:____/____/_____

Perimeter and Area 12

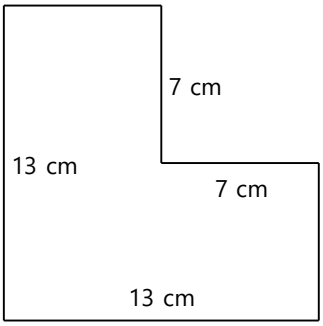
Find the perimeter and area.

1)



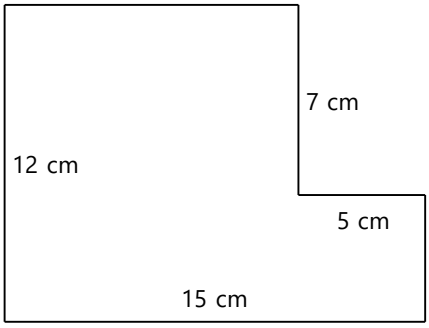
P = 80 cm A = 222 cm^2

2)



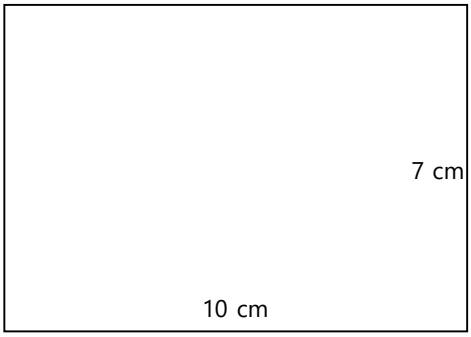
P = 52 cm A = 120 cm^2

3)



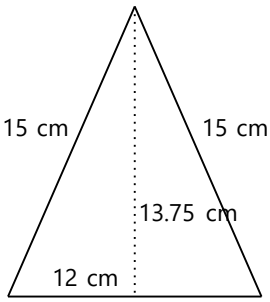
P = 54 cm A = 145 cm^2

4)



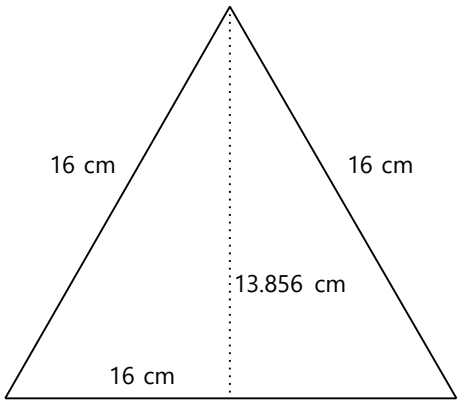
P = 34 cm A = 70 cm^2

5)



P = 42 cm A = 82.5 cm^2

6)



P = 48 cm A = 110.85 cm^2

Name:_____ Class:_____ Date:____/____/_____

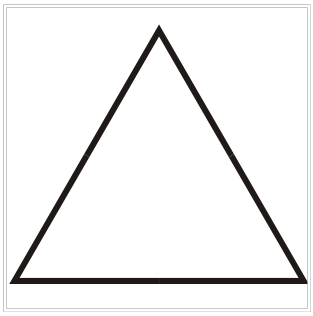
Polygons

Identify the polygons. How many sides and vertices?

1)

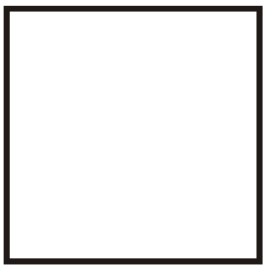
Parallelogram S=4 V=4

2)



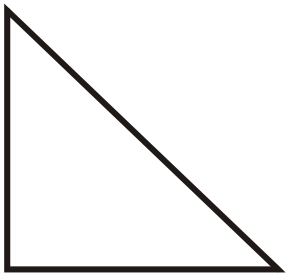
Equilateral Triangle S=3 V=3

3)



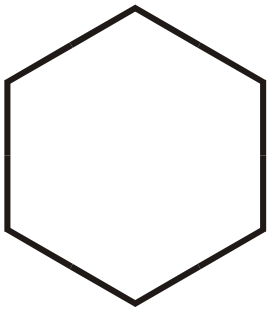
Square S=4 V=4

4)



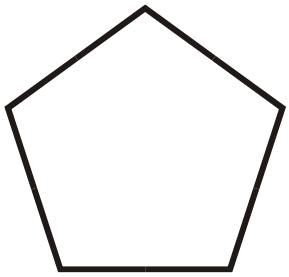
Right Triangle S=3 V=3

5)



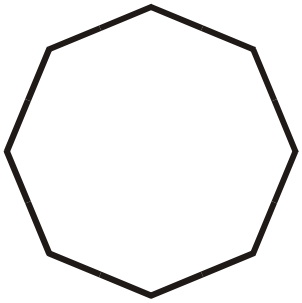
Regular Hexagon S=6 V=6

6)



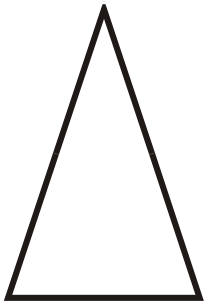
Regular Pentagon S=5 V=5

7)



Regular Octagon S=8 V=8

8)



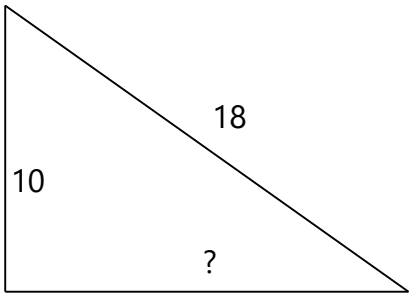
Isosceles Triangle S=3 V=3

Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 1

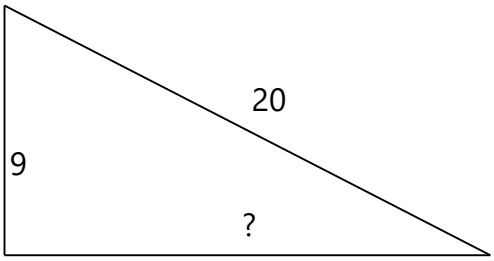
Find the length of the side.

1)



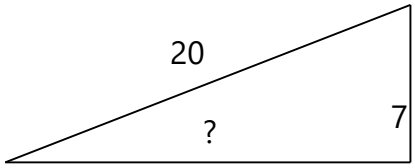
S =14.967

2)



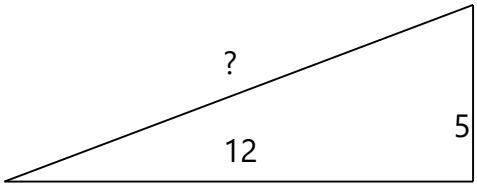
S =17.861

3)



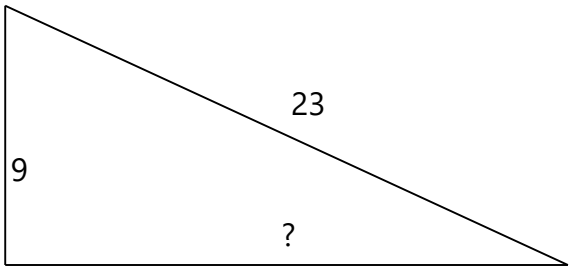
S =18.735

4)



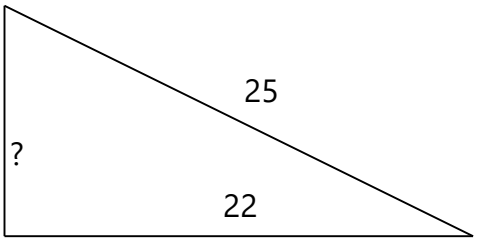
S =13

5)



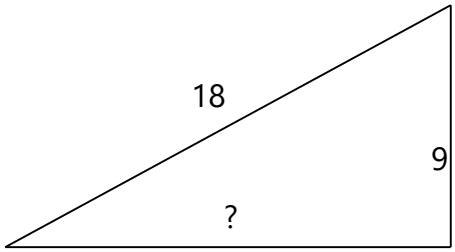
S =21.166

6)



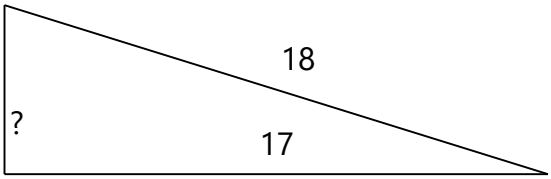
S =11.874

7)



S =15.588

8)



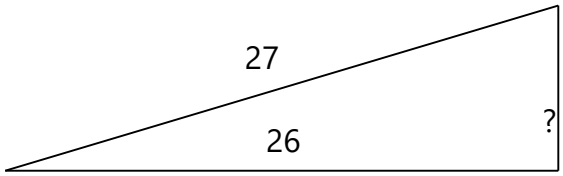
S =5.916

Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 2

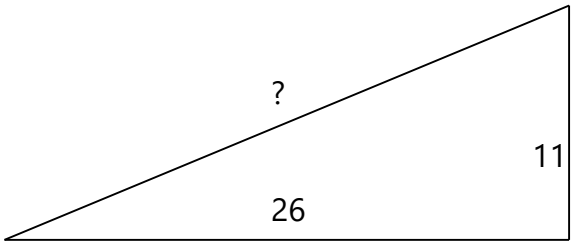
Find the length of the side.

1)



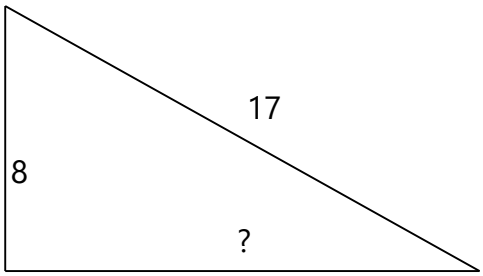
S =7.280

2)



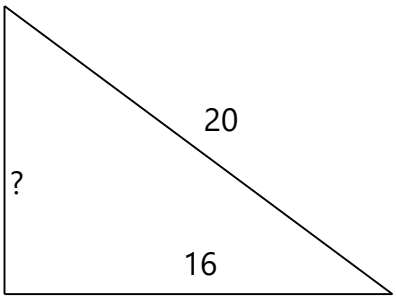
S =28.231

3)



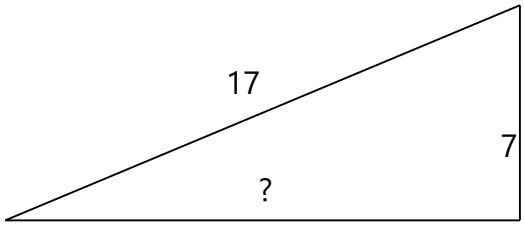
S =15

4)



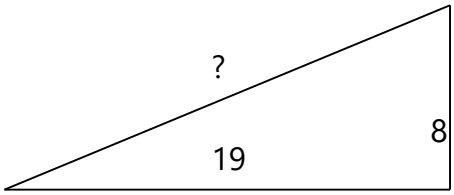
S =12

5)



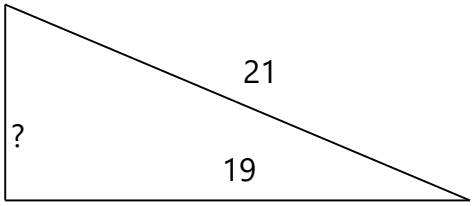
S =15.492

6)



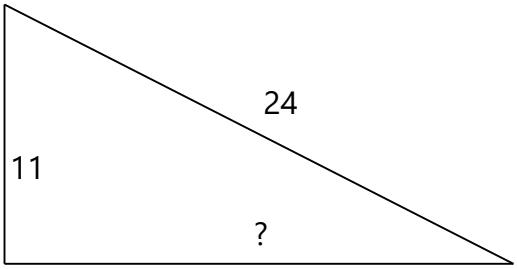
S =20.616

7)



S =8.944

8)



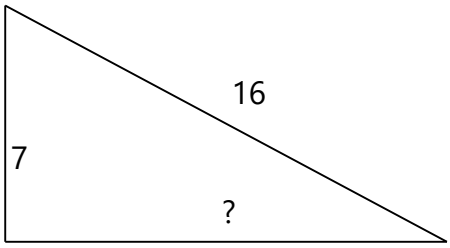
S =21.331

Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 3

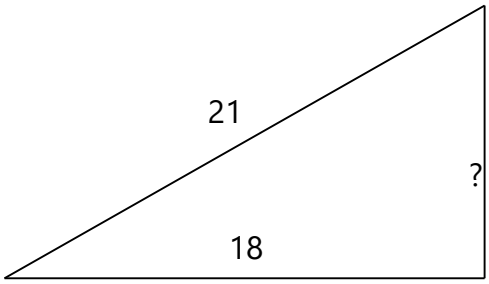
Find the length of the side.

1)



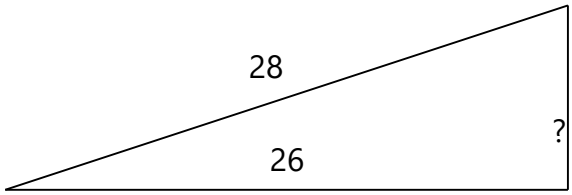
S =14.387

2)



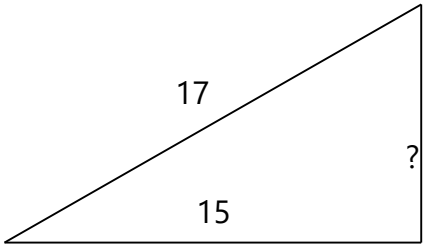
S =10.817

3)



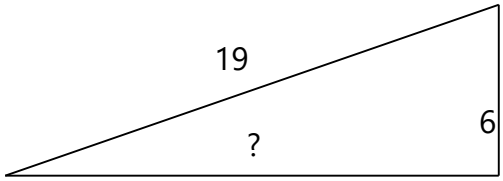
S =10.392

4)



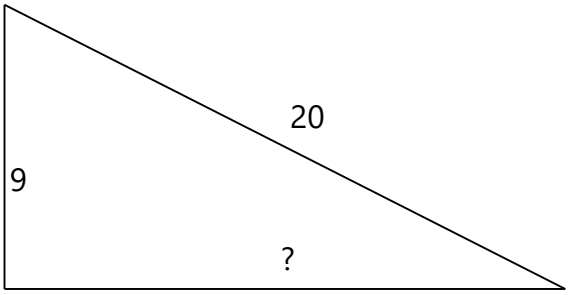
S =8

5)



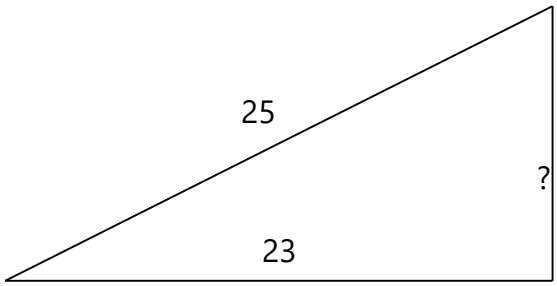
S =18.028

6)



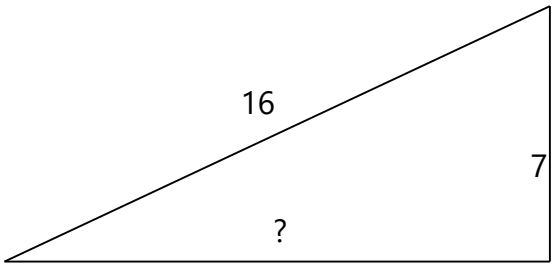
S =17.861

7)



S =9.798

8)



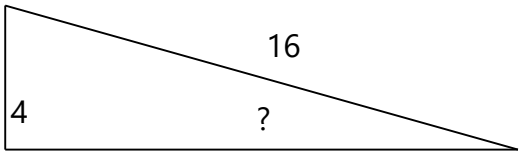
S =14.387

Name:_____ Class:_____ Date:____/____/_____

Pythagorean Theorem 4

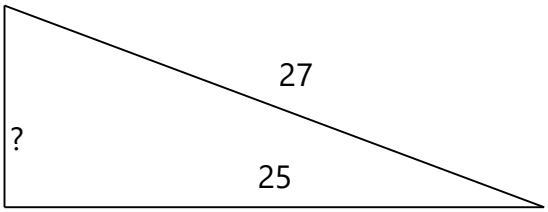
Find the length of the side.

1)



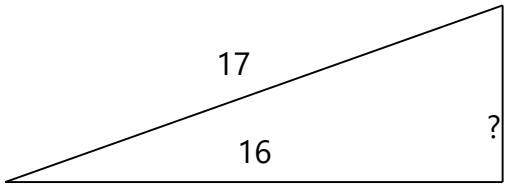
S =15.492

2)



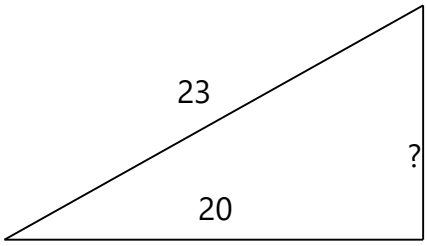
S =10.198

3)



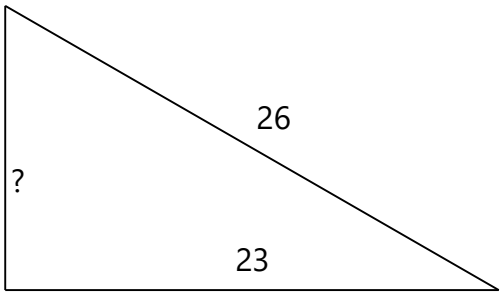
S =5.745

4)



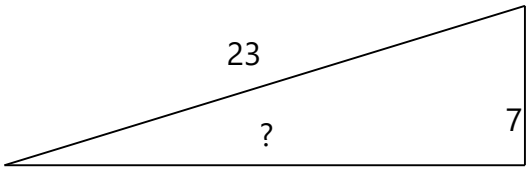
S =11.358

5)



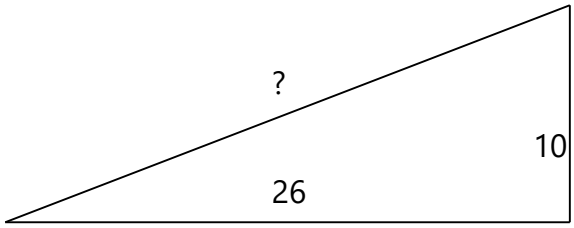
S =12.124

6)



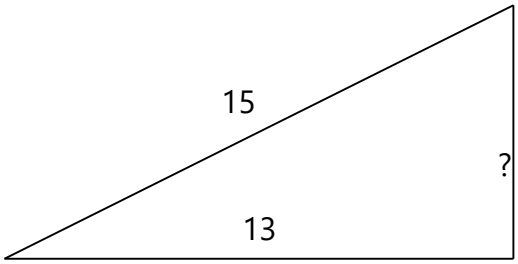
S =21.909

7)



S =27.857

8)



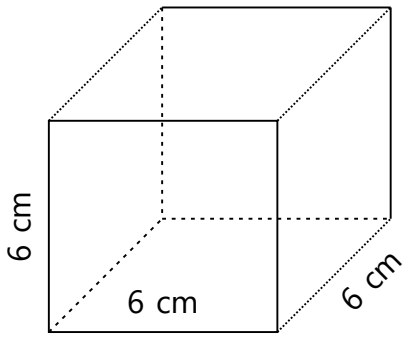
S =7.483

Name:_____ Class:_____ Date:____/____/_____

Volume Of Rectangular Prisms 1

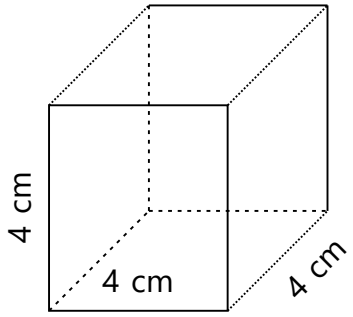
Find the volume.

1)



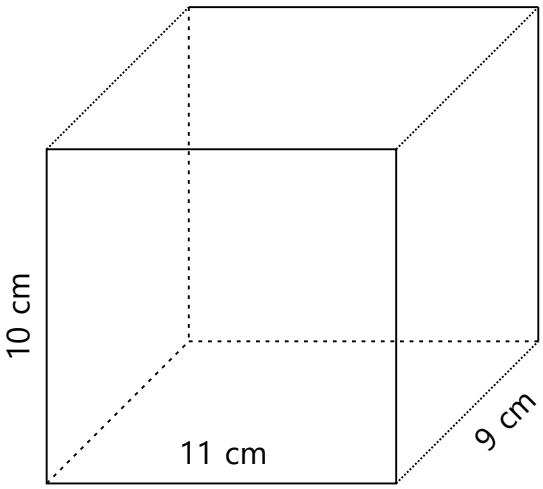
V = 216 cm^3

2)



V = 64 cm^3

3)



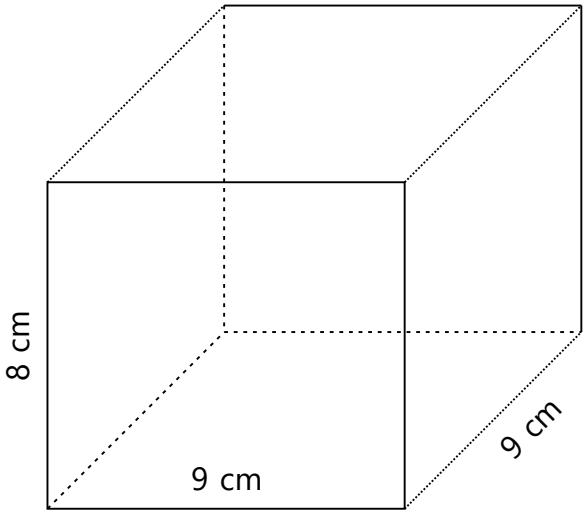
V = 990 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Rectangular Prisms 2

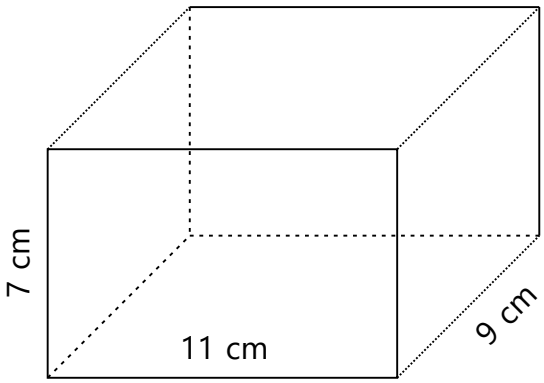
Find the volume.

1)



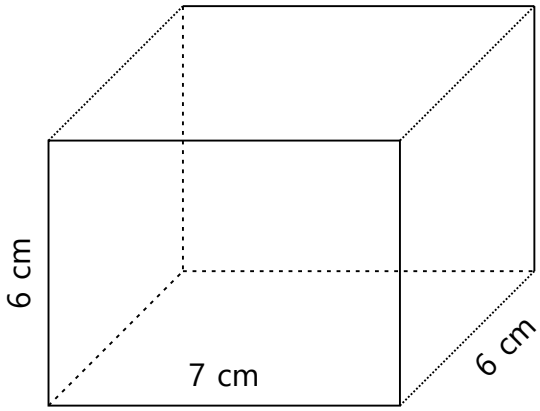
V = 648 cm^3

2)



V = 693 cm^3

3)



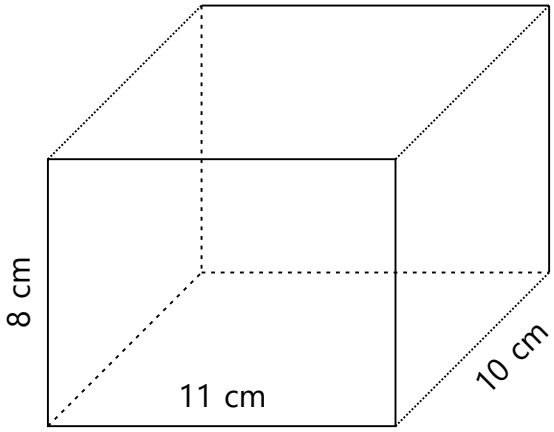
V = 252 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Rectangular Prisms 3

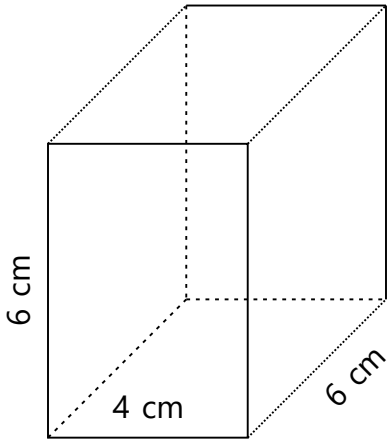
Find the volume.

1)



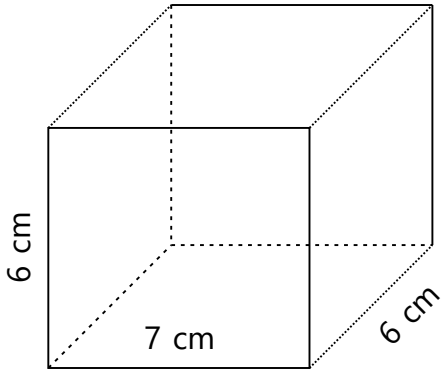
V = 880 cm^3

2)



V = 144 cm^3

3)



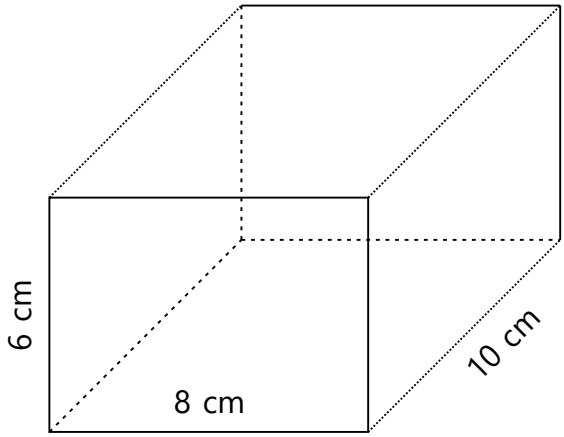
V = 252 cm^3

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Rectangular Prisms 1

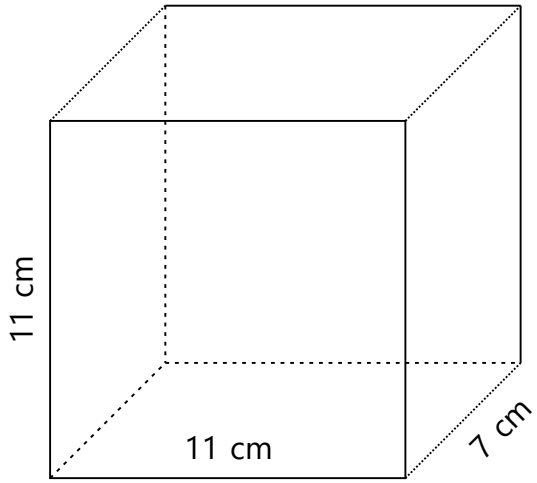
Find the surface area.

1)



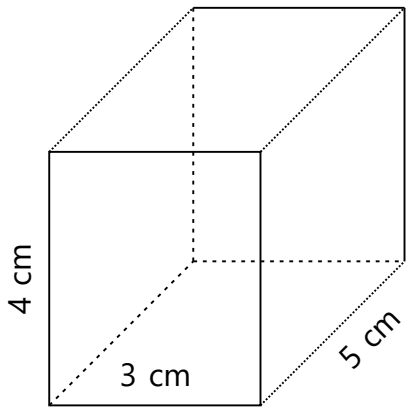
SA = 376 cm^2

2)



SA = 550 cm^2

3)



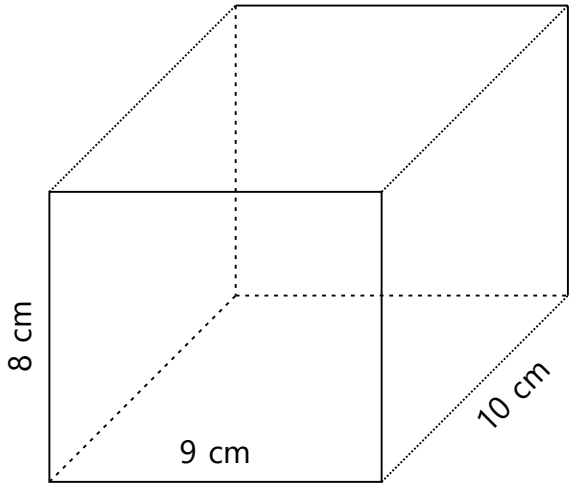
SA = 94 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Rectangular Prisms 2

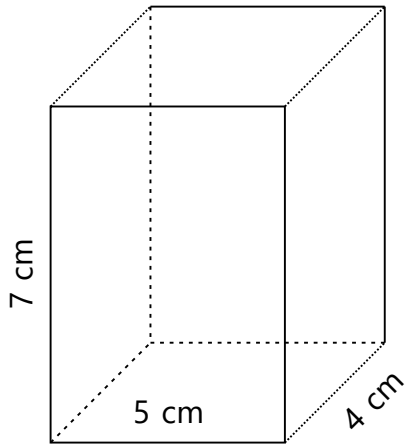
Find the surface area.

1)



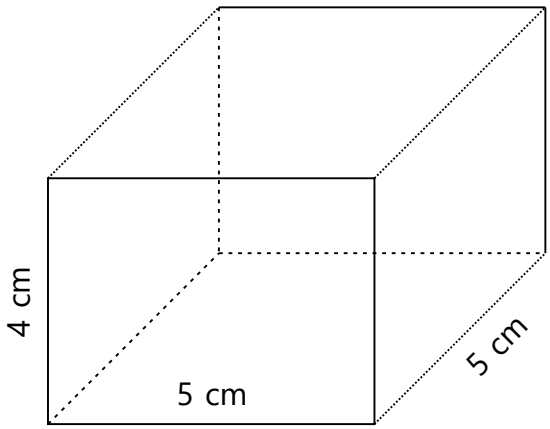
SA = 484 cm^2

2)



SA = 166 cm^2

3)



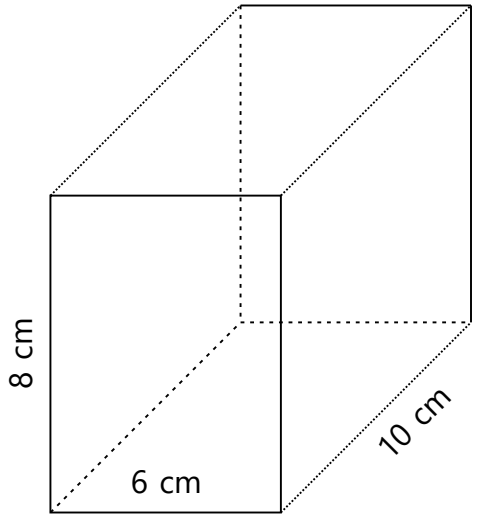
SA = 130 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Rectangular Prisms 3

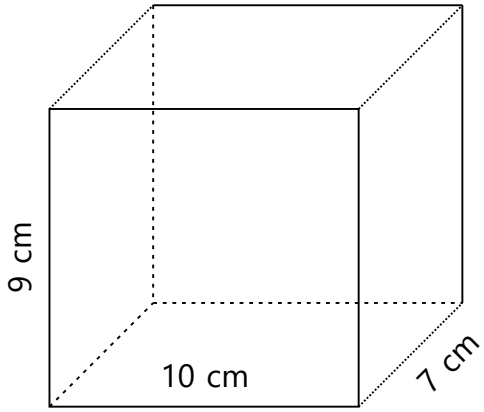
Find the surface area.

1)



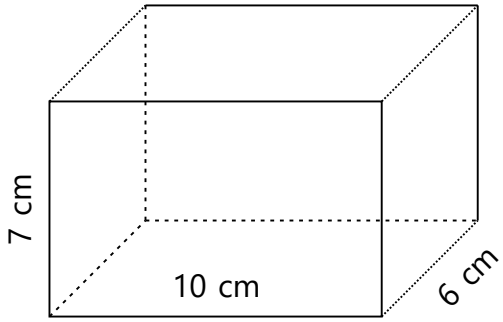
SA = 376 cm^2

2)



SA = 446 cm^2

3)



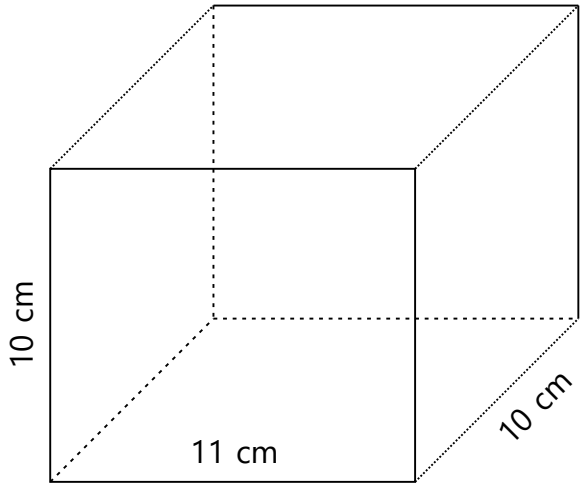
SA = 344 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Rectangular Prisms 1

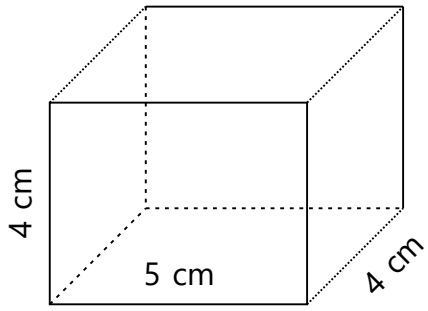
Find the volume and surface area.

1)



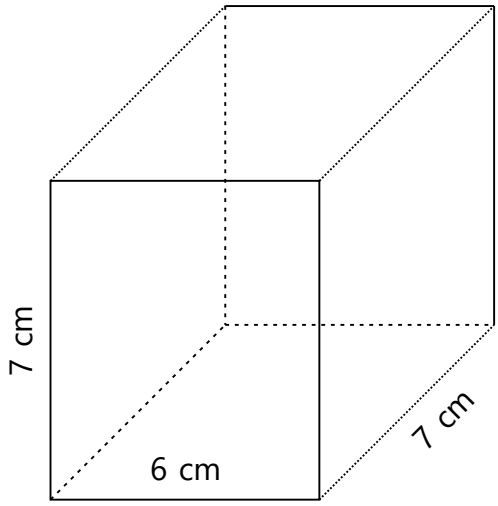
V = 1,100 cm^3 SA = 640 cm^2

2)



V = 80 cm^3 SA = 112 cm^2

3)



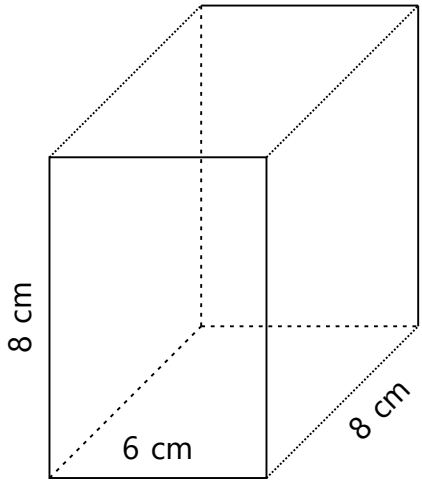
V = 294 cm^3 SA = 266 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Rectangular Prisms 2

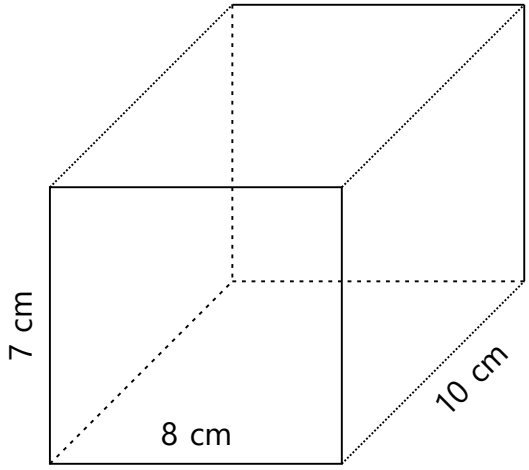
Find the volume and surface area.

1)



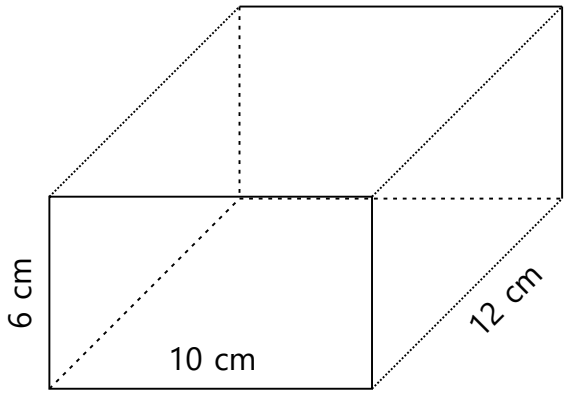
V = 384 cm^3 SA = 320 cm^2

2)



V = 560 cm^3 SA = 412 cm^2

3)



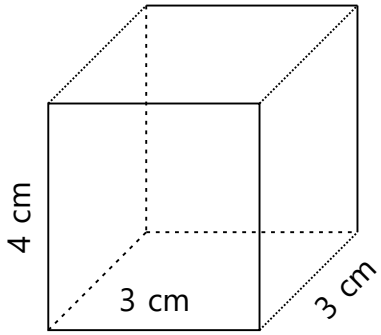
V = 720 cm^3 SA = 504 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Rectangular Prisms 3

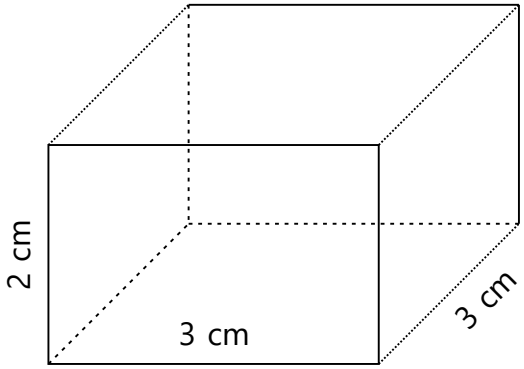
Find the volume and surface area.

1)



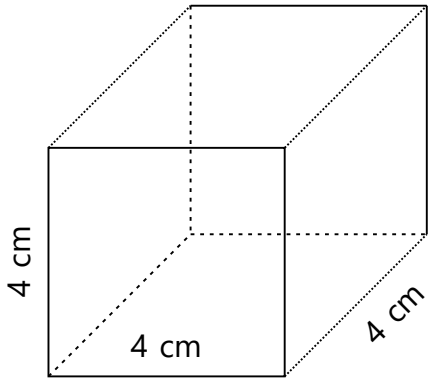
V = 36 cm^3 SA = 66 cm^2

2)



V = 18 cm^3 SA = 42 cm^2

3)



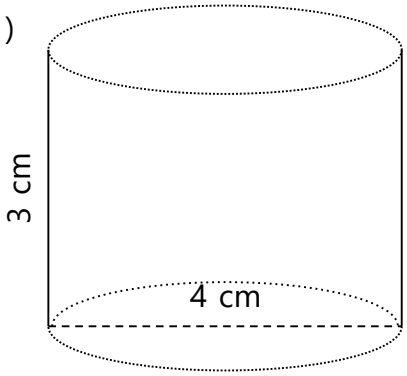
V = 64 cm^3 SA = 96 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume Of Cylinders 1

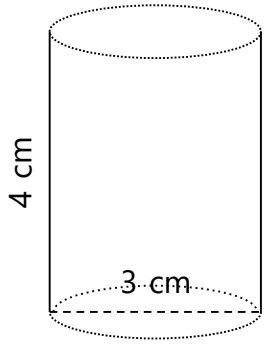
Find the volume.

1)



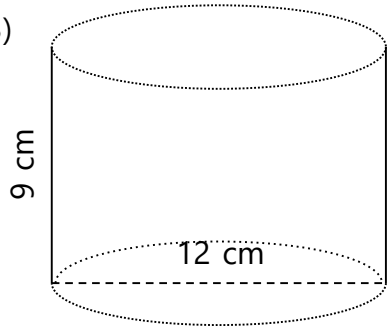
V = 37.70 cm^3

2)



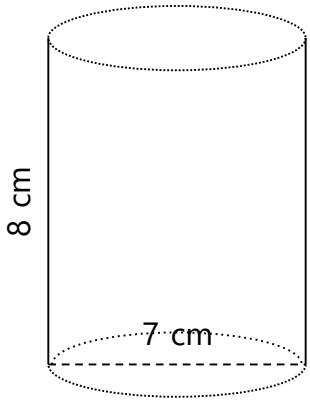
V = 28.27 cm^3

3)



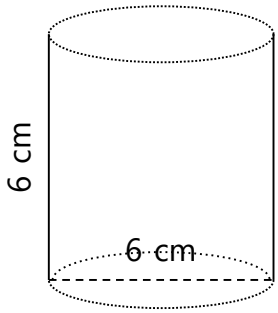
V = 1,017.88 cm^3

4)



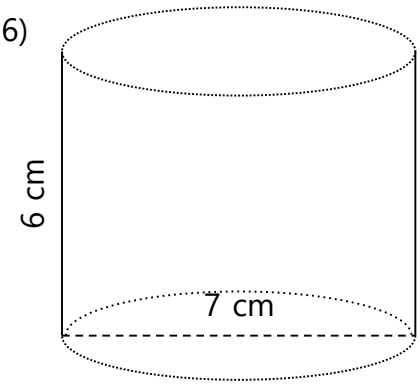
V = 307.88 cm^3

5)



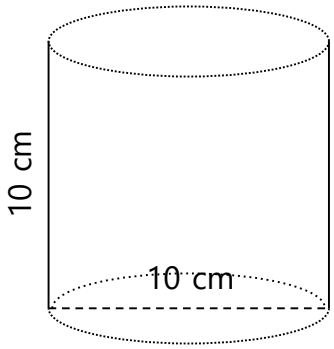
V = 169.65 cm^3

6)



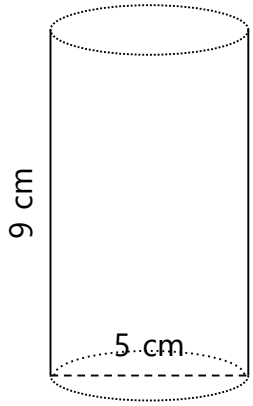
V = 230.91 cm^3

7)



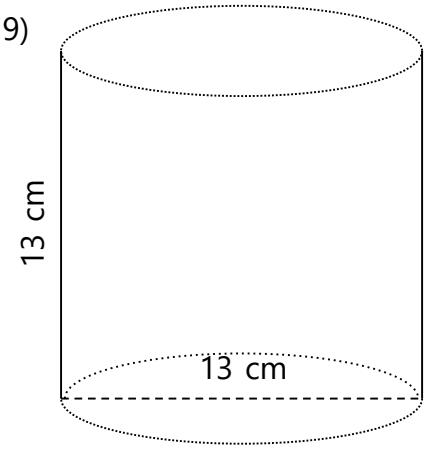
V = 785.40 cm^3

8)



V = 176.71 cm^3

9)



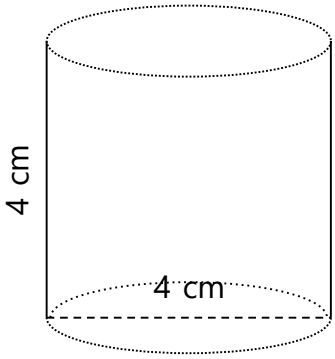
V = 1,725.52 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Cylinders 2

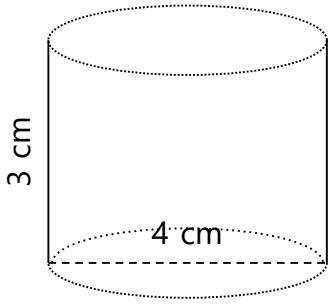
Find the volume.

1)



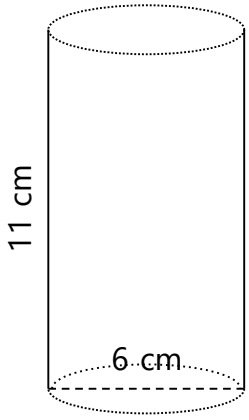
V = 50.27 cm^3

2)



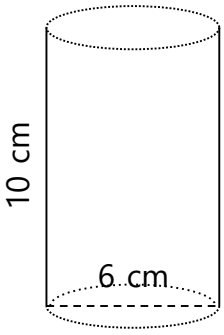
V = 37.70 cm^3

3)



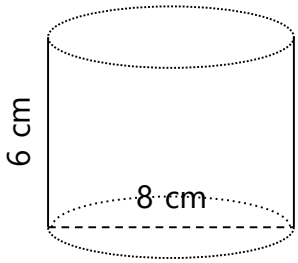
V = 311.02 cm^3

4)



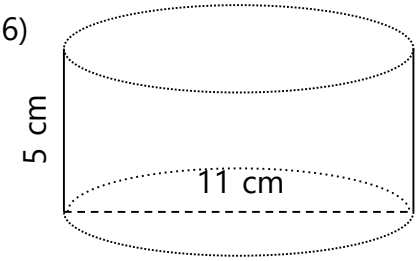
V = 282.74 cm^3

5)



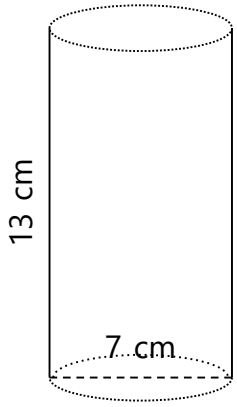
V = 301.59 cm^3

6)



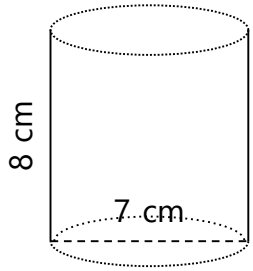
V = 475.17 cm^3

7)



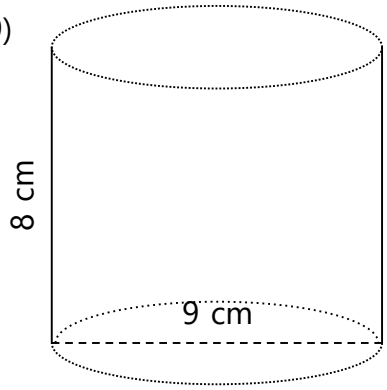
V = 500.30 cm^3

8)



V = 307.88 cm^3

9)



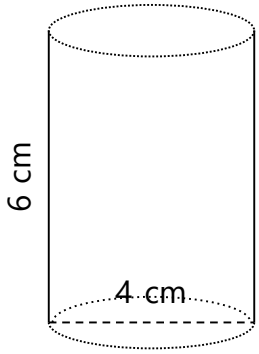
V = 508.94 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Cylinders 3

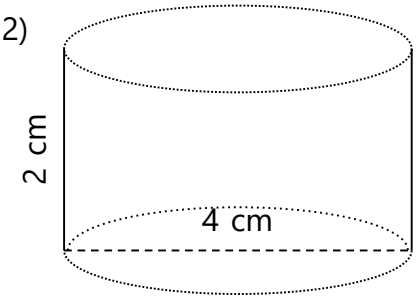
Find the volume.

1)



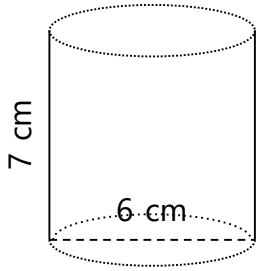
V = 75.40 cm^3

2)



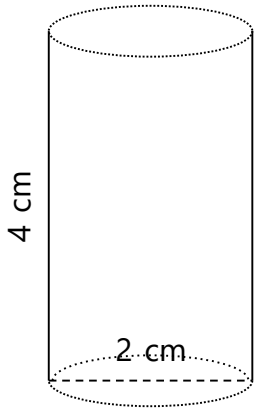
V = 25.13 cm^3

3)



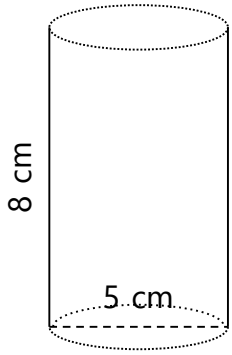
V = 197.92 cm^3

4)



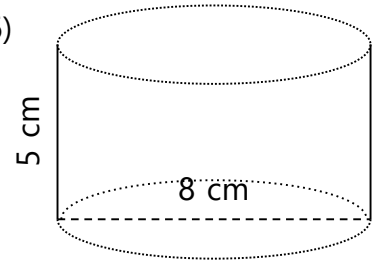
V = 12.57 cm^3

5)



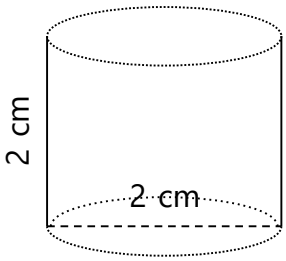
V = 157.08 cm^3

6)



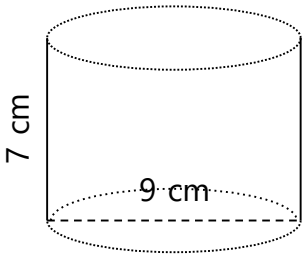
V = 251.33 cm^3

7)



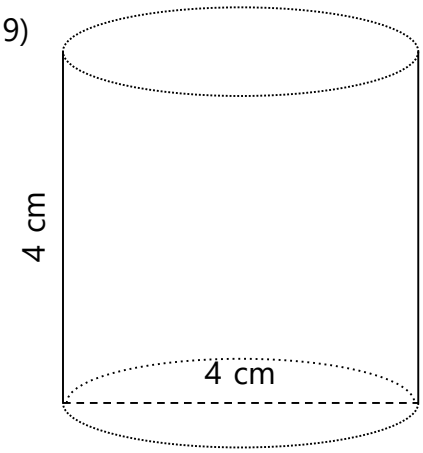
V = 6.28 cm^3

8)



V = 445.32 cm^3

9)



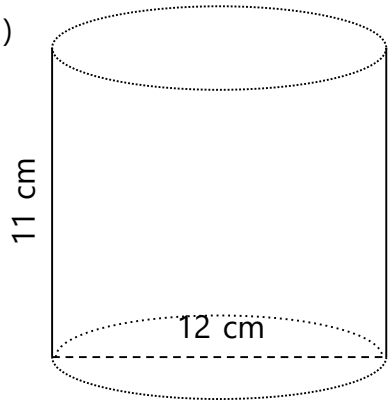
V = 50.27 cm^3

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Cylinders 1

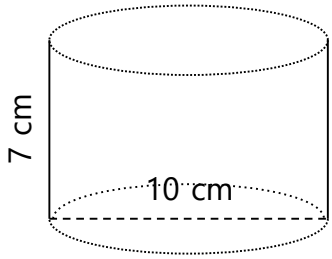
Find the surface area.

1)



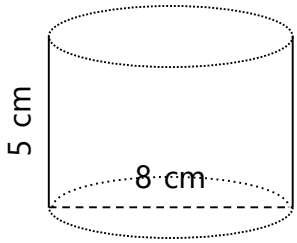
SA = 641 cm^2

2)



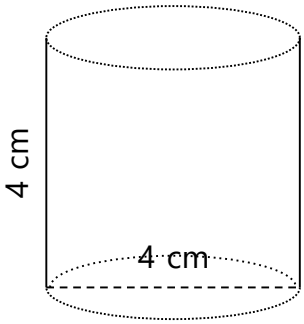
SA = 377 cm^2

3)



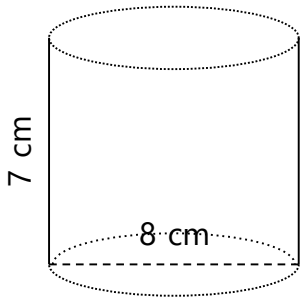
SA = 226 cm^2

4)



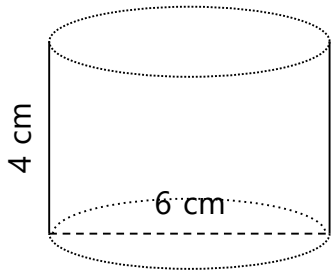
SA = 75 cm^2

5)



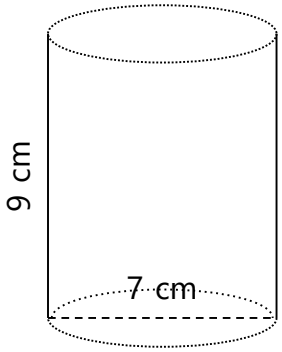
SA = 276 cm^2

6)



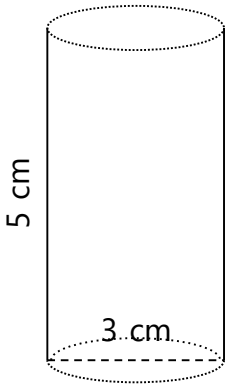
SA = 132 cm^2

7)



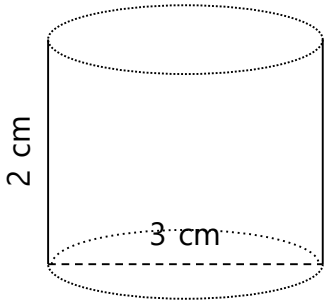
SA = 275 cm^2

8)



SA = 61 cm^2

9)



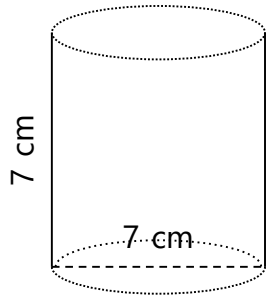
SA = 33 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Cylinders 2

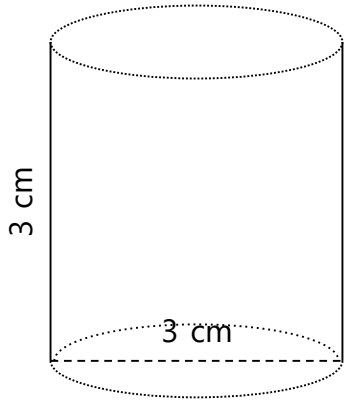
Find the surface area.

1)



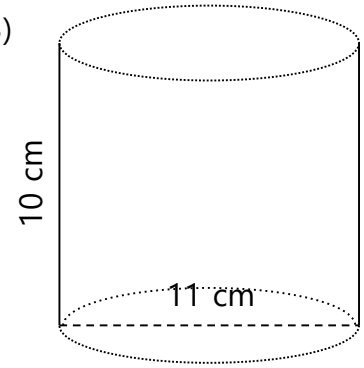
SA = 231 cm^2

2)



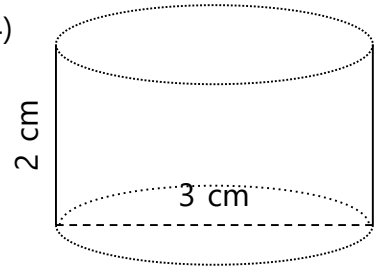
SA = 42 cm^2

3)



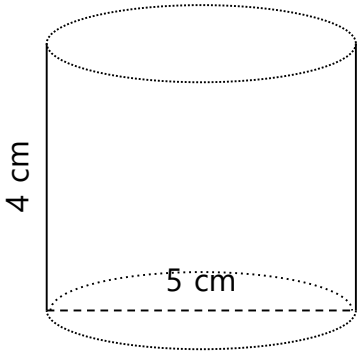
SA = 536 cm^2

4)



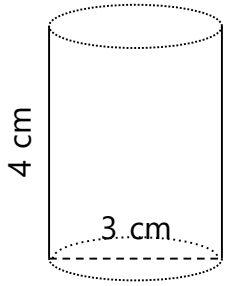
SA = 33 cm^2

5)



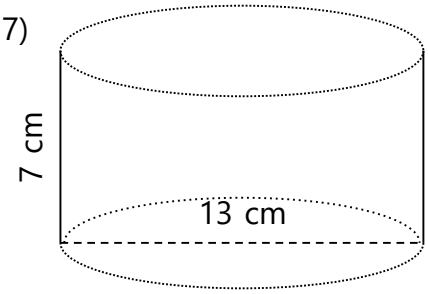
SA = 102 cm^2

6)



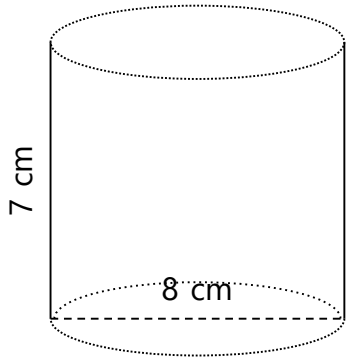
SA = 52 cm^2

7)



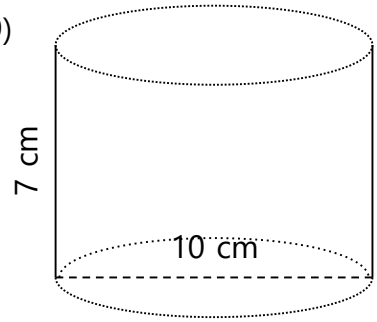
SA = 551 cm^2

8)



SA = 276 cm^2

9)



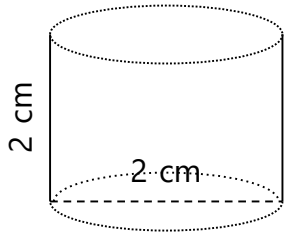
SA = 377 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Cylinders 3

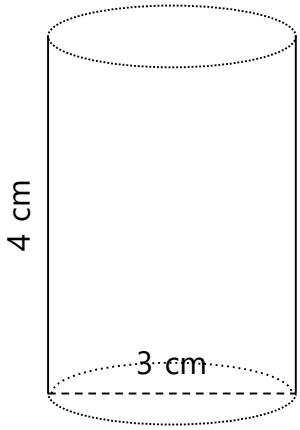
Find the surface area.

1)



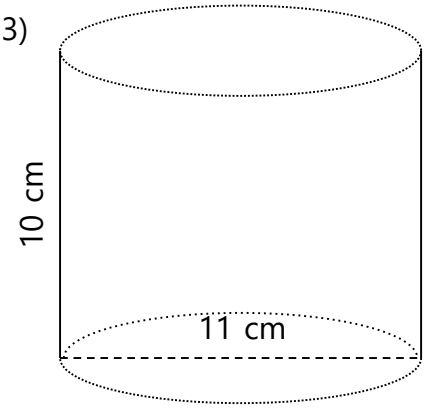
SA = 19 cm^2

2)



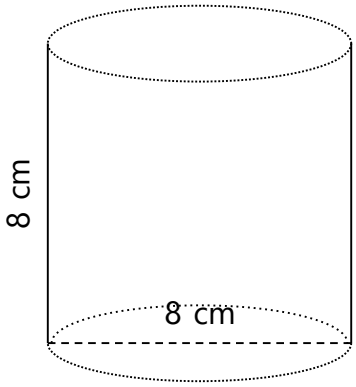
SA = 52 cm^2

3)



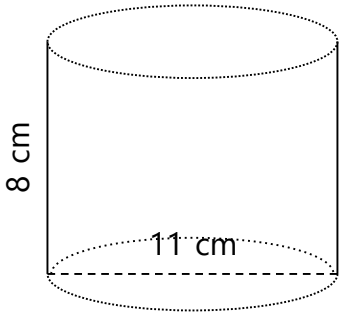
SA = 536 cm^2

4)



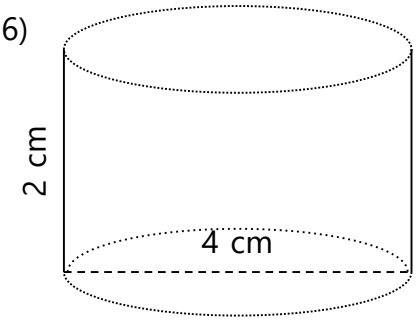
SA = 302 cm^2

5)



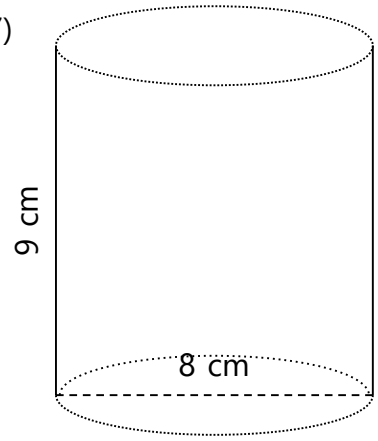
SA = 467 cm^2

6)



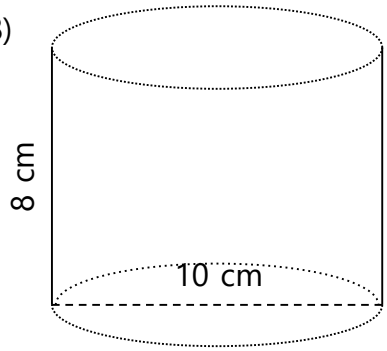
SA = 50 cm^2

7)



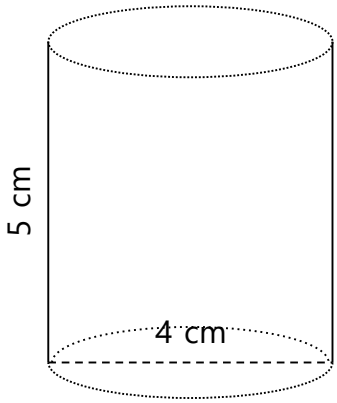
SA = 327 cm^2

8)



SA = 408 cm^2

9)



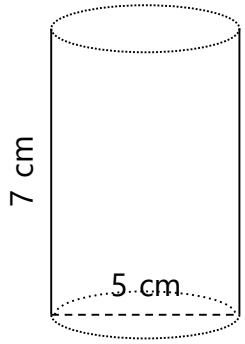
SA = 88 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Cylinders 1

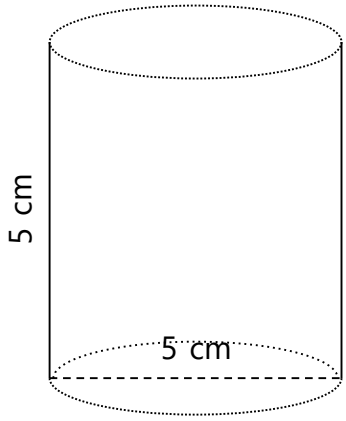
Find the volume and surface area.

1)



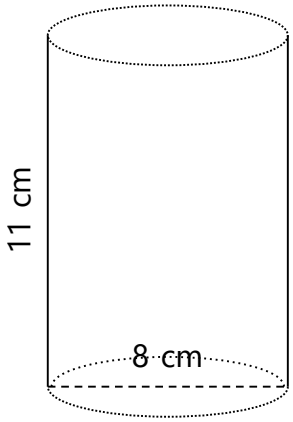
V = 137.44 cm^3 SA = 149 cm^2

2)



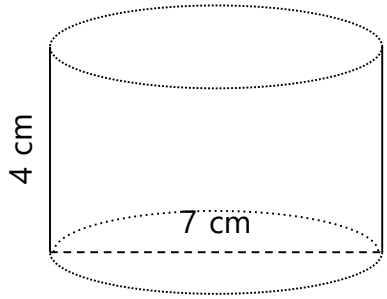
V = 98.17 cm^3 SA = 118 cm^2

3)



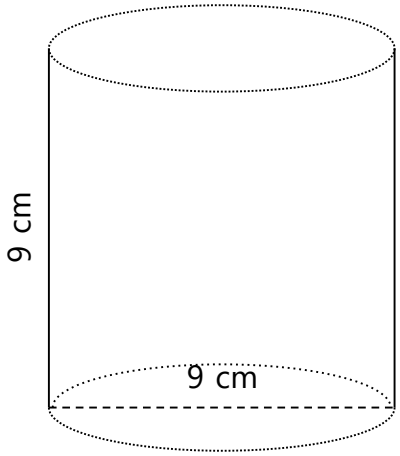
V = 552.92 cm^3 SA = 377 cm^2

4)



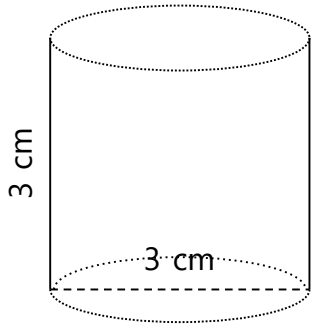
V = 153.94 cm^3 SA = 165 cm^2

5)



V = 572.56 cm^3 SA = 382 cm^2

6)



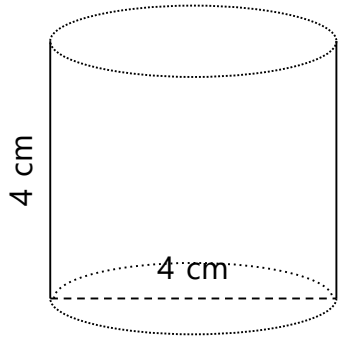
V = 21.21 cm^3 SA = 42 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Cylinders 2

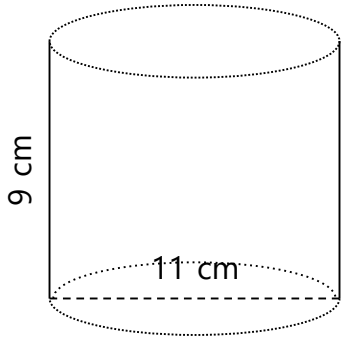
Find the volume and surface area.

1)



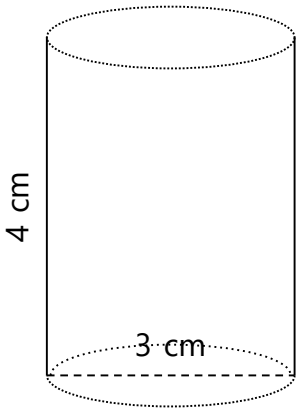
V = 50.27 cm^3 SA = 75 cm^2

2)



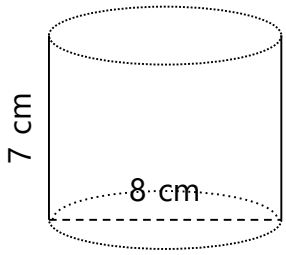
V = 855.30 cm^3 SA = 501 cm^2

3)



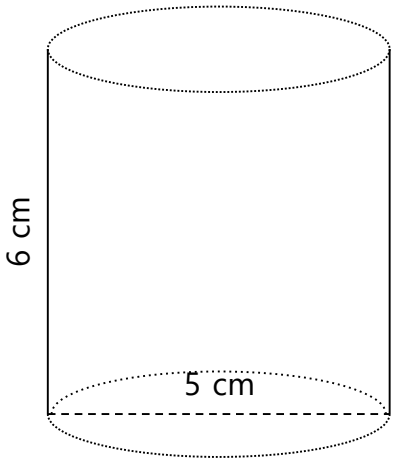
V = 28.27 cm^3 SA = 52 cm^2

4)



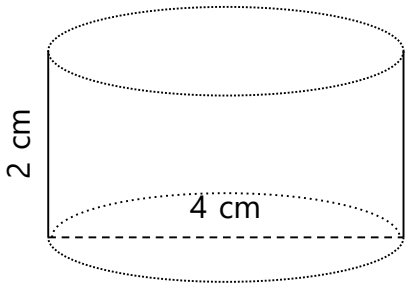
V = 351.86 cm^3 SA = 276 cm^2

5)



V = 117.81 cm^3 SA = 134 cm^2

6)



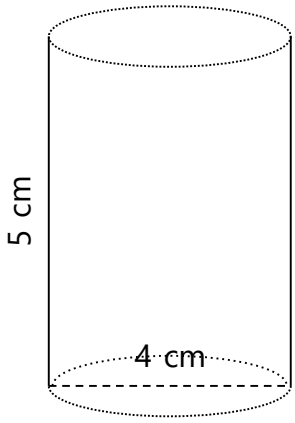
V = 25.13 cm^3 SA = 50 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Cylinders 3

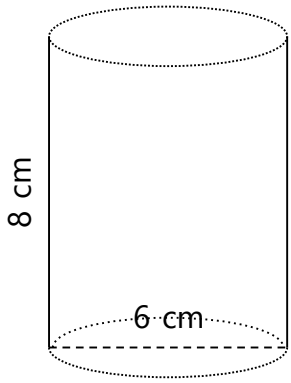
Find the volume and surface area.

1)



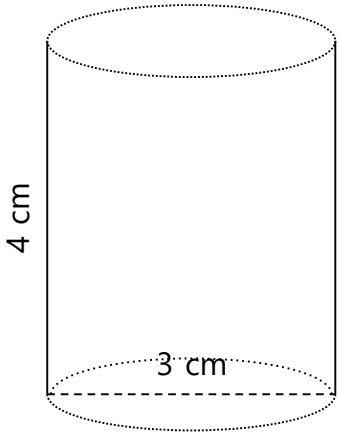
V = 62.83 cm^3 SA = 88 cm^2

2)



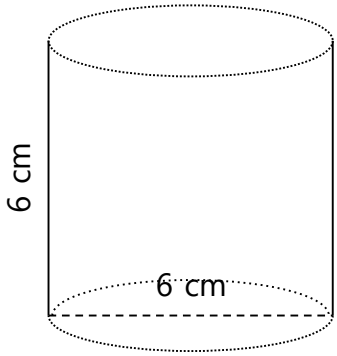
V = 226.19 cm^3 SA = 207 cm^2

3)



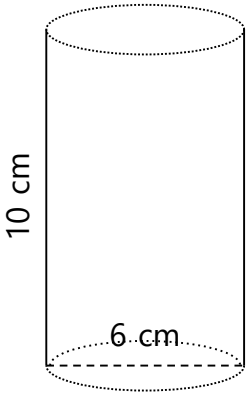
V = 28.27 cm^3 SA = 52 cm^2

4)



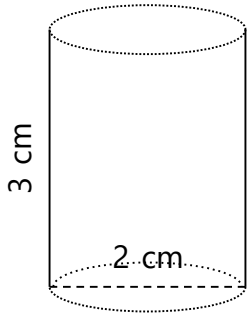
V = 169.65 cm^3 SA = 170 cm^2

5)



V = 282.74 cm^3 SA = 245 cm^2

6)



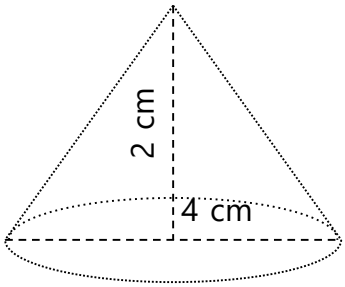
V = 9.42 cm^3 SA = 25 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume Of Cones 1

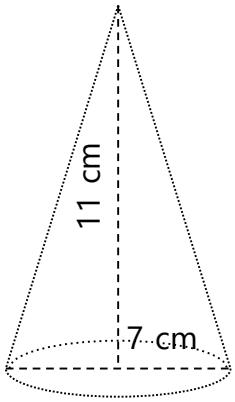
Find the volume.

1)



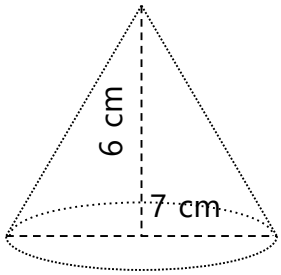
V = 8 cm^3

2)



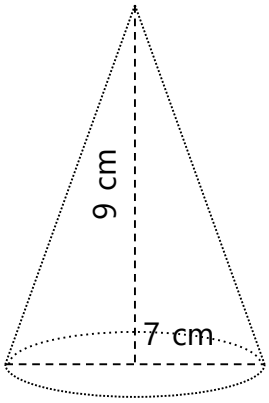
V = 141 cm^3

3)



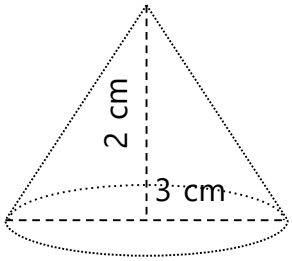
V = 77 cm^3

4)



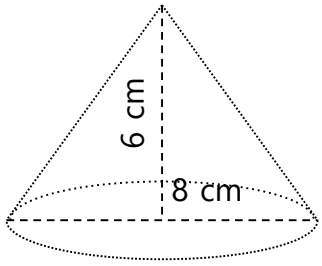
V = 115 cm^3

5)



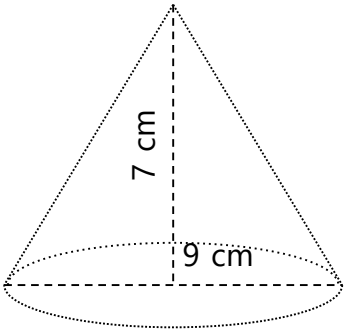
V = 5 cm^3

6)



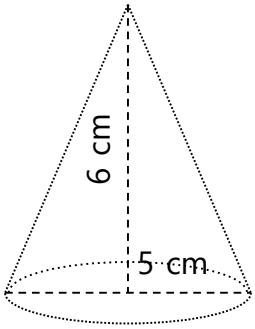
V = 101 cm^3

7)



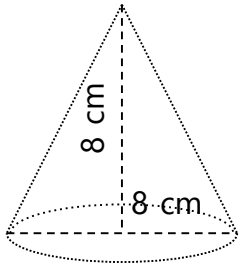
V = 148 cm^3

8)



V = 39 cm^3

9)



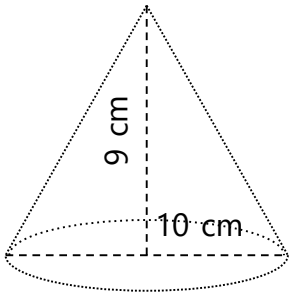
V = 134 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Cones 2

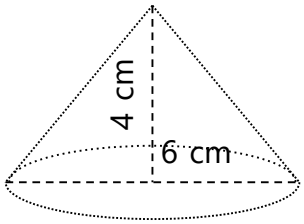
Find the volume.

1)



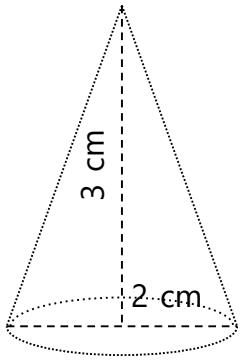
V = 236 cm^3

2)



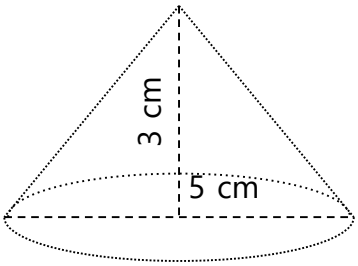
V = 38 cm^3

3)



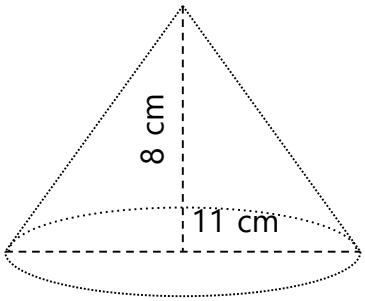
V = 3 cm^3

4)



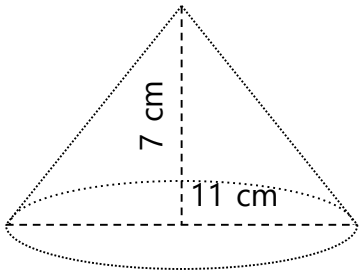
V = 20 cm^3

5)



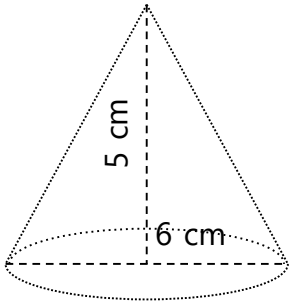
V = 253 cm^3

6)



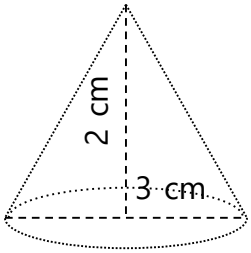
V = 222 cm^3

7)



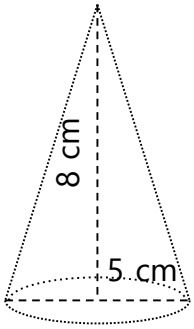
V = 47 cm^3

8)



V = 5 cm^3

9)



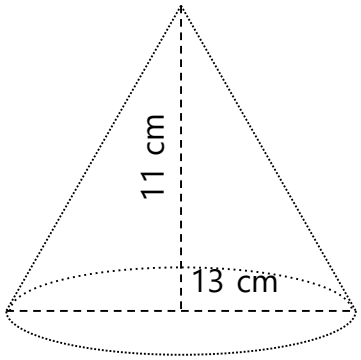
V = 52 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Cones 3

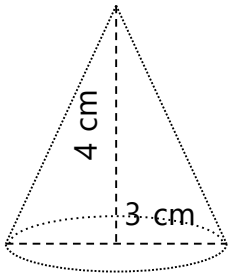
Find the volume.

1)



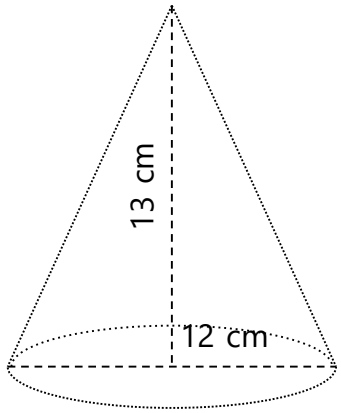
V = 487 cm^3

2)



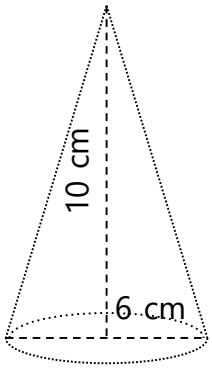
V = 9 cm^3

3)



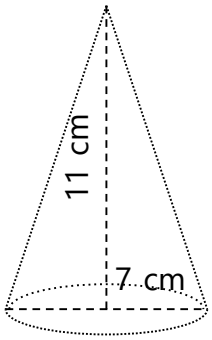
V = 490 cm^3

4)



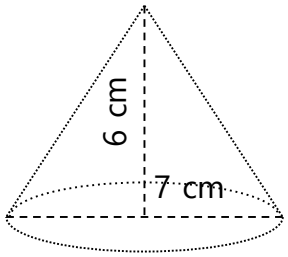
V = 94 cm^3

5)



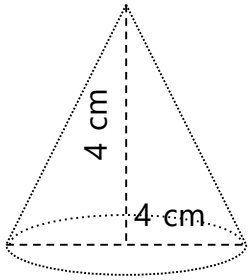
V = 141 cm^3

6)



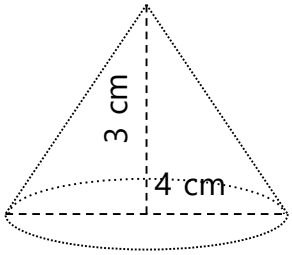
V = 77 cm^3

7)



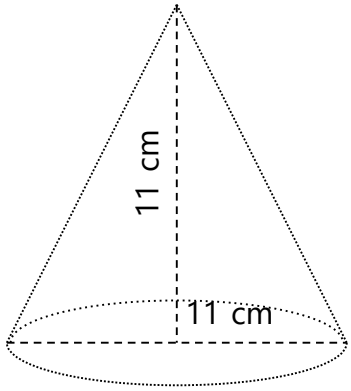
V = 17 cm^3

8)



V = 13 cm^3

9)



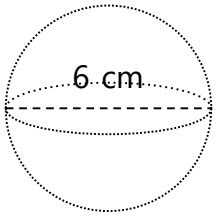
V = 348 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Spheres 1

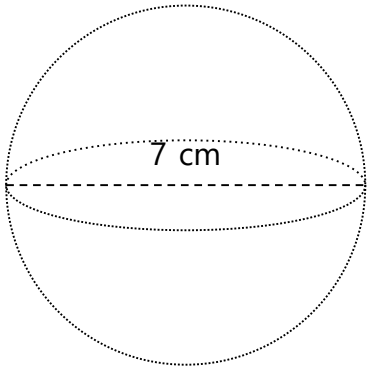
Find the volume.

1)



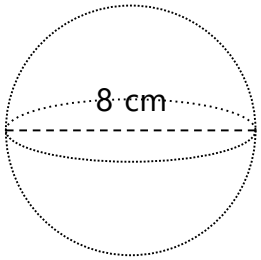
V = 113 cm^3

2)



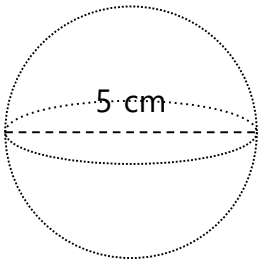
V = 180 cm^3

3)



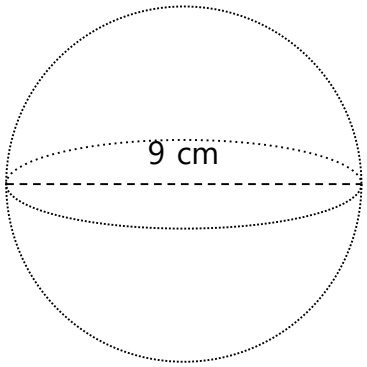
V = 268 cm^3

4)



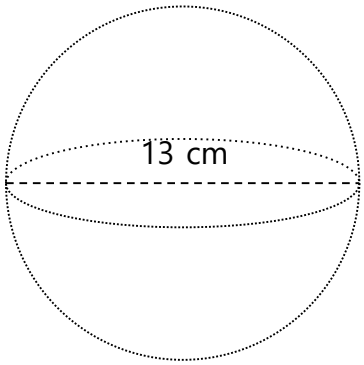
V = 65 cm^3

5)



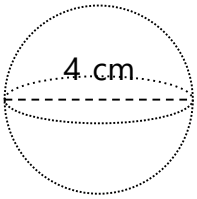
V = 382 cm^3

6)



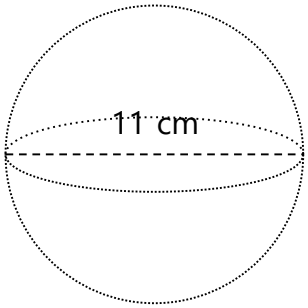
V = 1,150 cm^3

7)



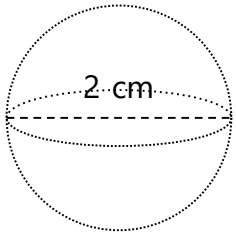
V = 34 cm^3

8)



V = 697 cm^3

9)



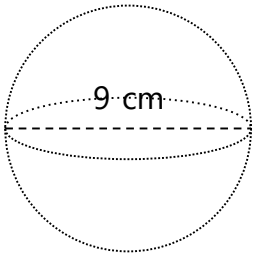
V = 4 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Spheres 2

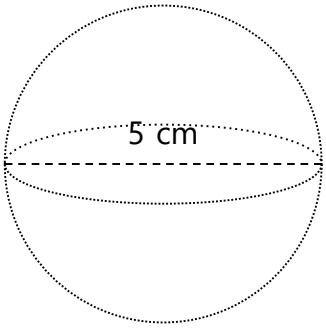
Find the volume.

1)



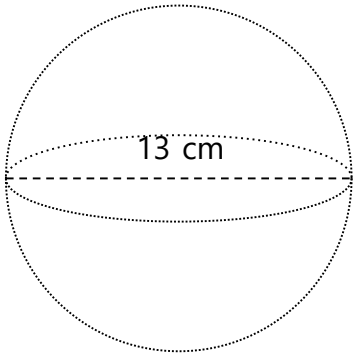
V = 382 cm^3

2)



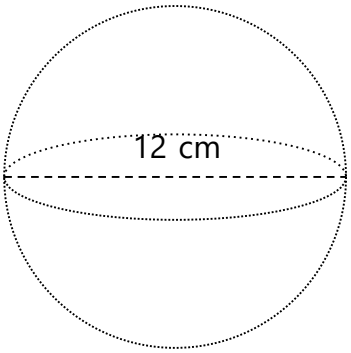
V = 65 cm^3

3)



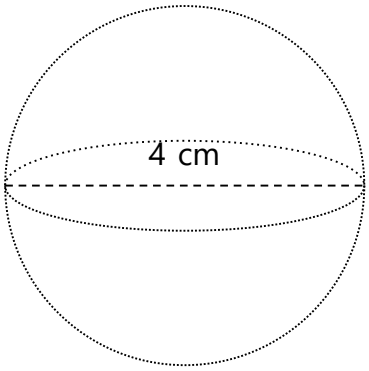
V = 1,150 cm^3

4)



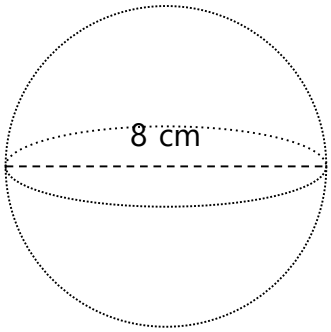
V = 905 cm^3

5)



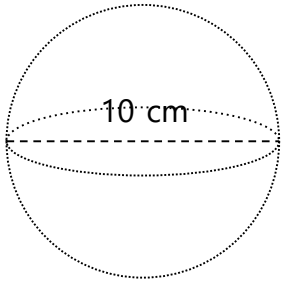
V = 34 cm^3

6)



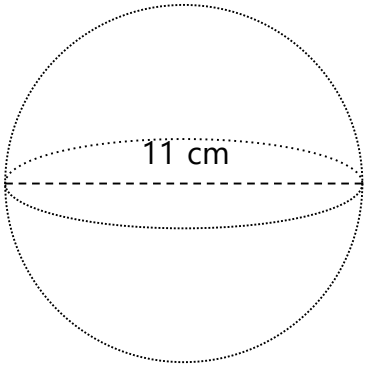
V = 268 cm^3

7)



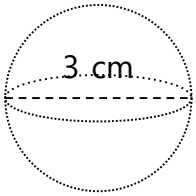
V = 524 cm^3

8)



V = 697 cm^3

9)



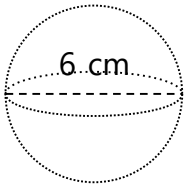
V = 14 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Spheres 3

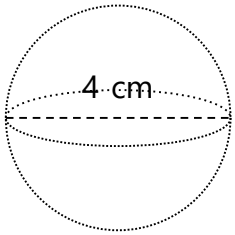
Find the volume.

1)



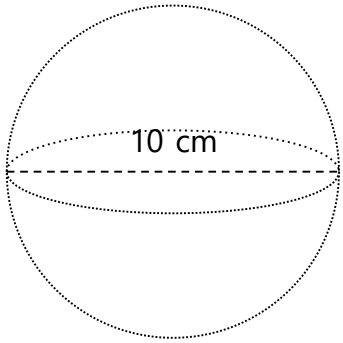
V = 113 cm^3

2)



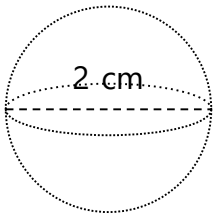
V = 34 cm^3

3)



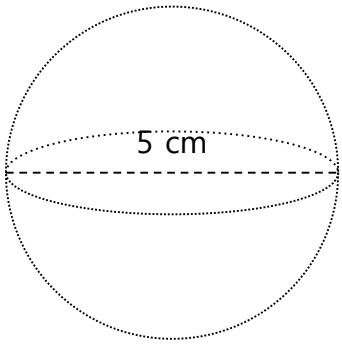
V = 524 cm^3

4)



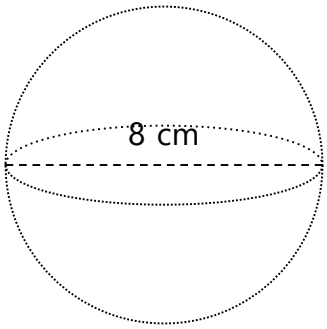
V = 4 cm^3

5)



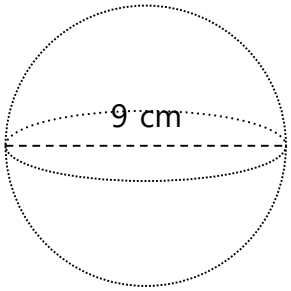
V = 65 cm^3

6)



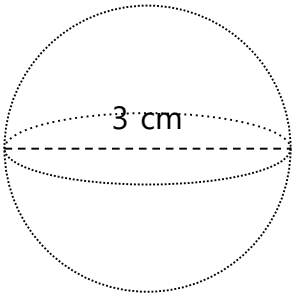
V = 268 cm^3

7)



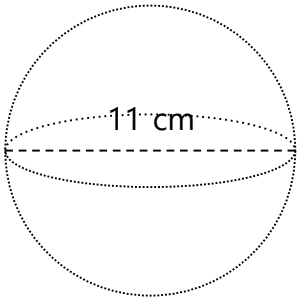
V = 382 cm^3

8)



V = 14 cm^3

9)



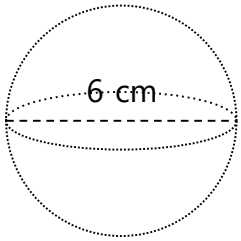
V = 697 cm^3

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Spheres 1

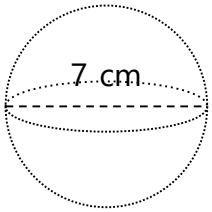
Find the surface area.

1)



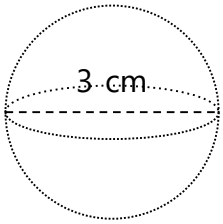
SA = 113 cm^2

2)



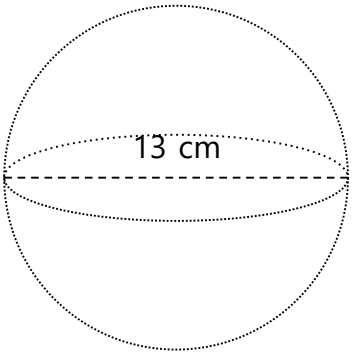
SA = 154 cm^2

3)



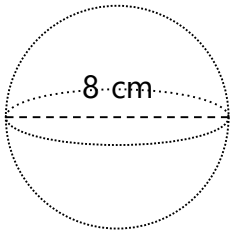
SA = 28 cm^2

4)



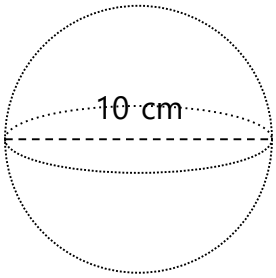
SA = 531 cm^2

5)



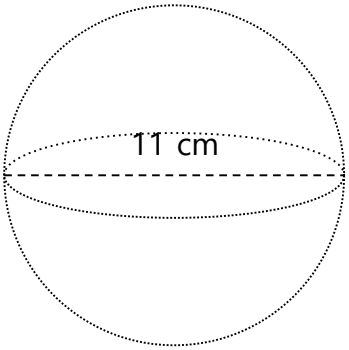
SA = 201 cm^2

6)



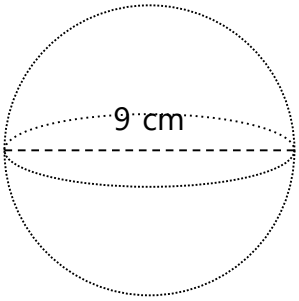
SA = 314 cm^2

7)



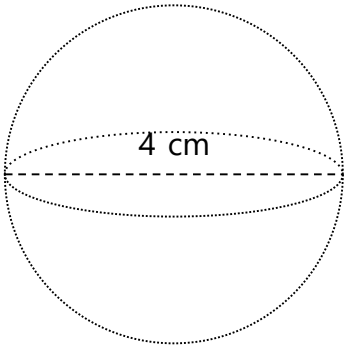
SA = 380 cm^2

8)



SA = 254 cm^2

9)



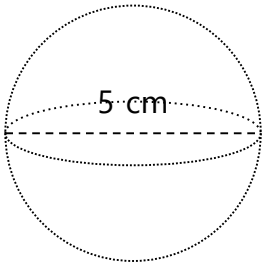
SA = 50 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Spheres 2

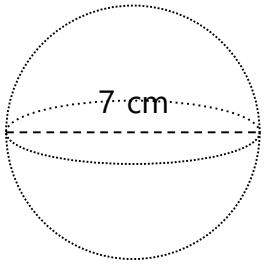
Find the surface area.

1)



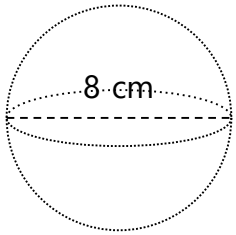
SA = 79 cm^2

2)



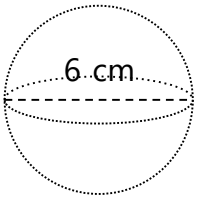
SA = 154 cm^2

3)



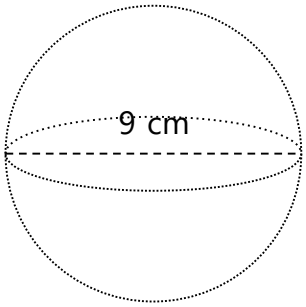
SA = 201 cm^2

4)



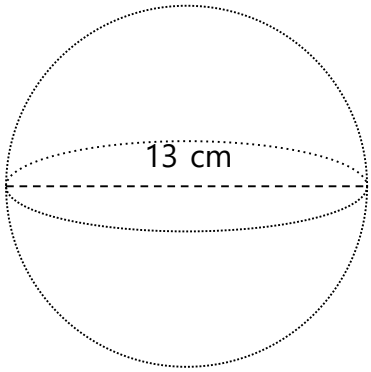
SA = 113 cm^2

5)



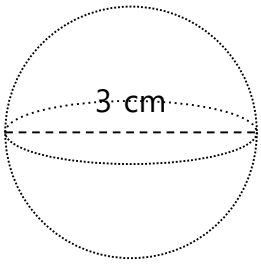
SA = 254 cm^2

6)



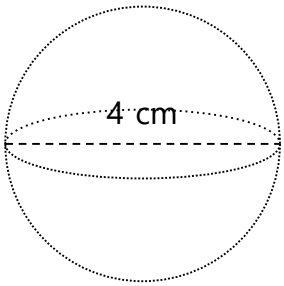
SA = 531 cm^2

7)



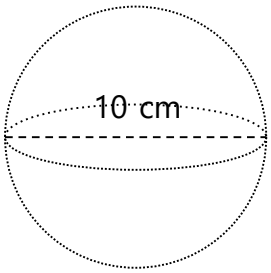
SA = 28 cm^2

8)



SA = 50 cm^2

9)



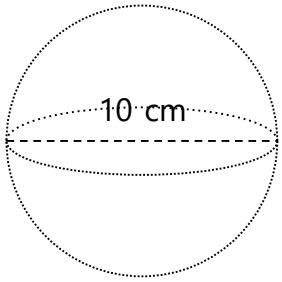
SA = 314 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Spheres 3

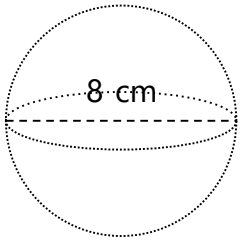
Find the surface area.

1)



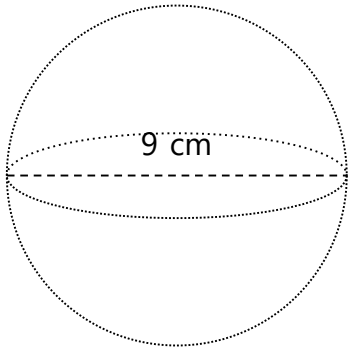
SA = 314 cm^2

2)



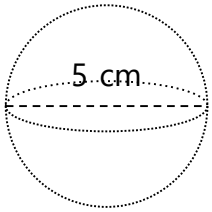
SA = 201 cm^2

3)



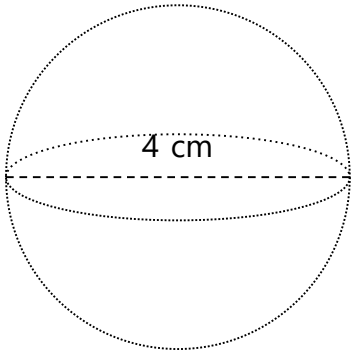
SA = 254 cm^2

4)



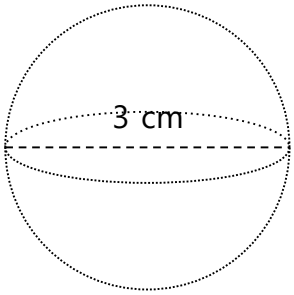
SA = 79 cm^2

5)



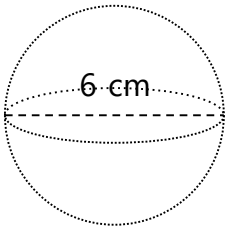
SA = 50 cm^2

6)



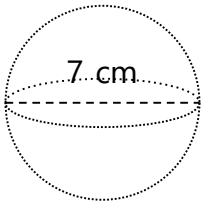
SA = 28 cm^2

7)



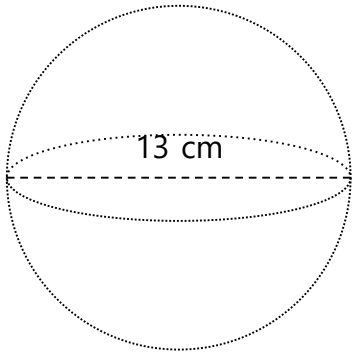
SA = 113 cm^2

8)



SA = 154 cm^2

9)



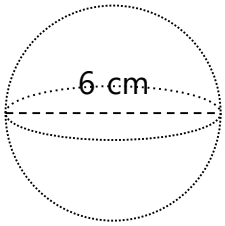
SA = 531 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Spheres 1

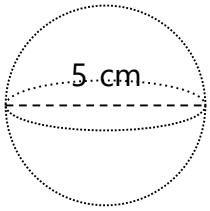
Find the volume and surface area.

1)



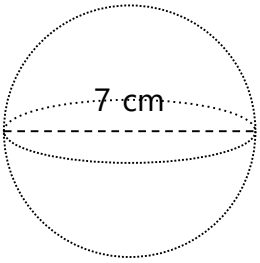
V = 113 cm^3 SA = 113 cm^2

2)



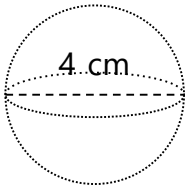
V = 65 cm^3 SA = 79 cm^2

3)



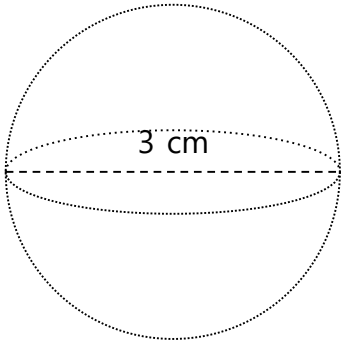
V = 180 cm^3 SA = 154 cm^2

4)



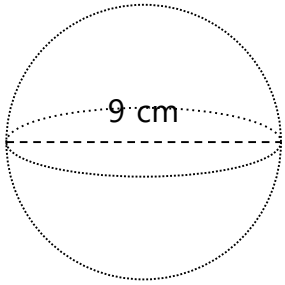
V = 34 cm^3 SA = 50 cm^2

5)



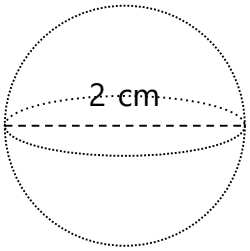
V = 14 cm^3 SA = 28 cm^2

6)



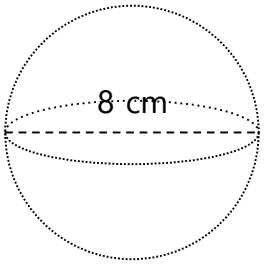
V = 382 cm^3 SA = 254 cm^2

7)



V = 4 cm^3 SA = 13 cm^2

8)



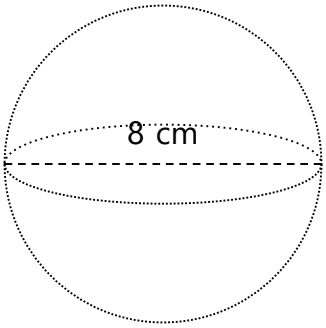
V = 268 cm^3 SA = 201 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Spheres 2

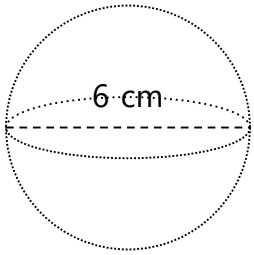
Find the volume and surface area.

1)



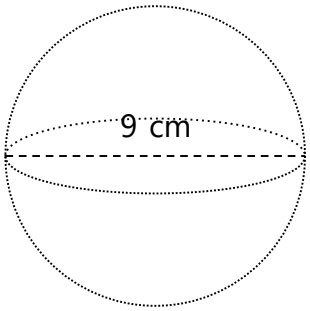
V = 268 cm^3 SA = 201 cm^2

2)



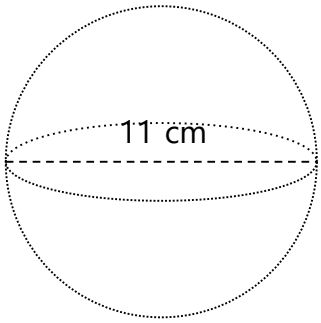
V = 113 cm^3 SA = 113 cm^2

3)



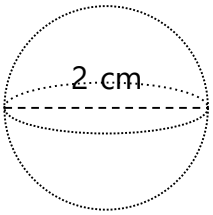
V = 382 cm^3 SA = 254 cm^2

4)



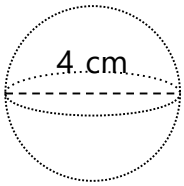
V = 697 cm^3 SA = 380 cm^2

5)



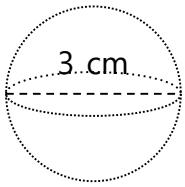
V = 4 cm^3 SA = 13 cm^2

6)



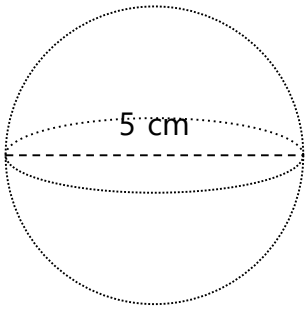
V = 34 cm^3 SA = 50 cm^2

7)



V = 14 cm^3 SA = 28 cm^2

8)



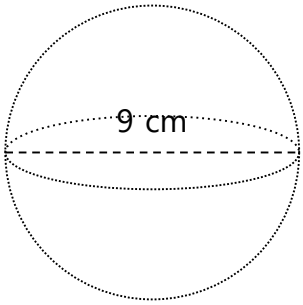
V = 65 cm^3 SA = 79 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Spheres 3

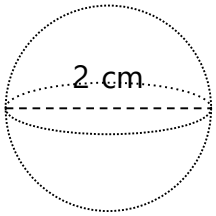
Find the volume and surface area.

1)



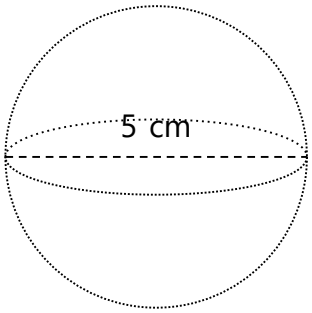
V = 382 cm^3 SA = 254 cm^2

2)



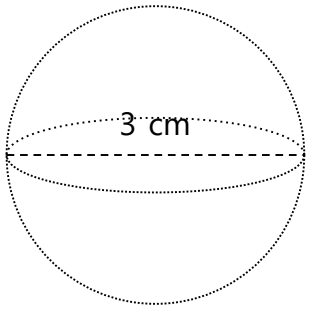
V = 4 cm^3 SA = 13 cm^2

3)



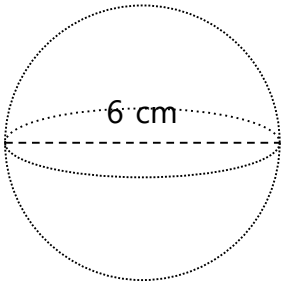
V = 65 cm^3 SA = 79 cm^2

4)



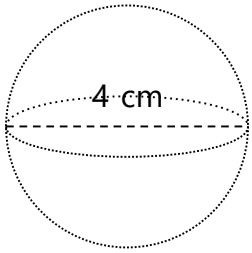
V = 14 cm^3 SA = 28 cm^2

5)



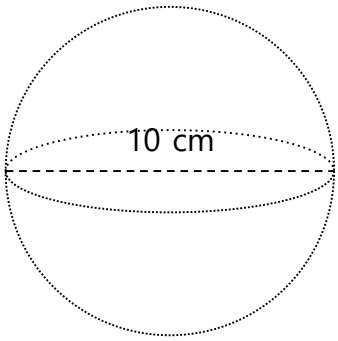
V = 113 cm^3 SA = 113 cm^2

6)



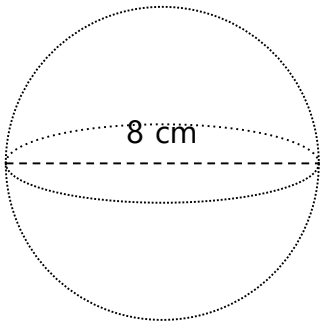
V = 34 cm^3 SA = 50 cm^2

7)



V = 524 cm^3 SA = 314 cm^2

8)



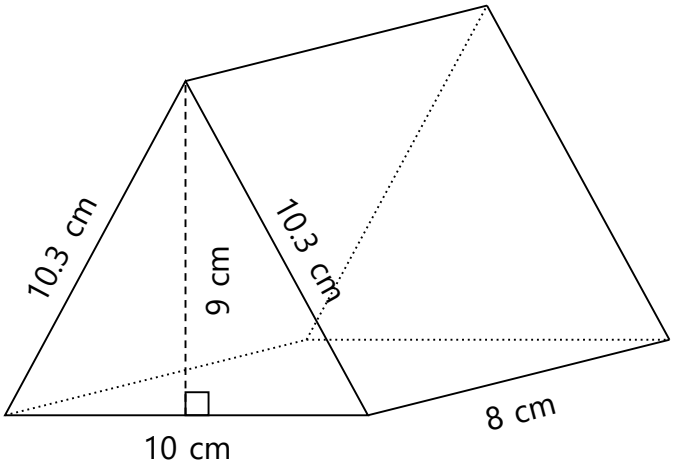
V = 268 cm^3 SA = 201 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume Of Triangular Prisms 1

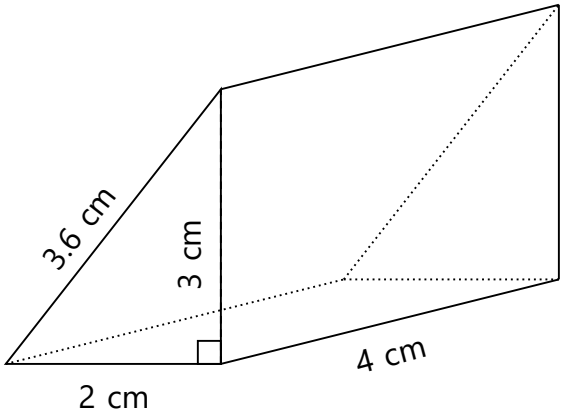
Find the volume.

1)



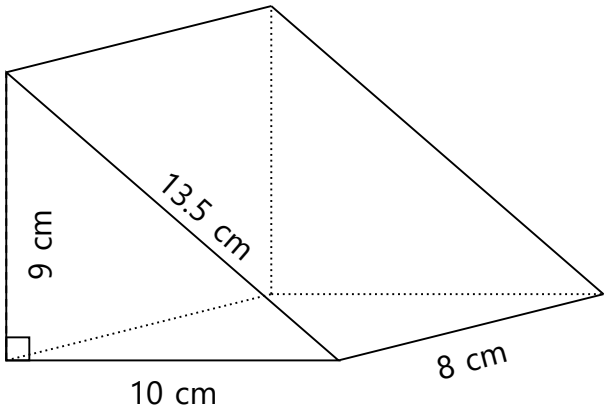
V = 360 cm^3

2)



V = 12 cm^3

3)



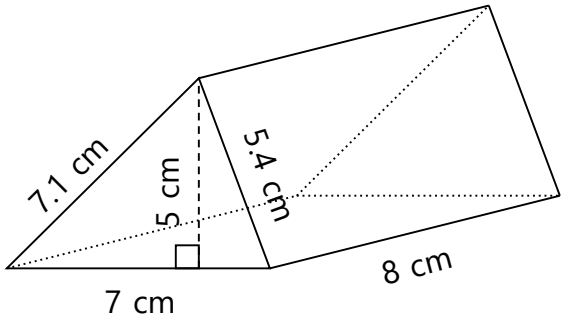
V = 360 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Triangular Prisms 2

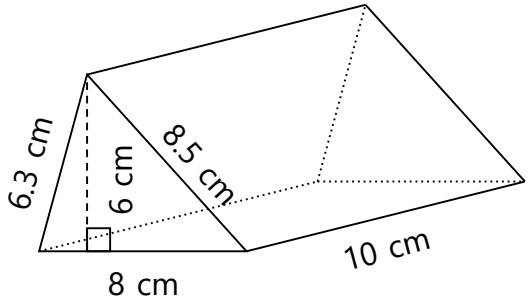
Find the volume.

1)



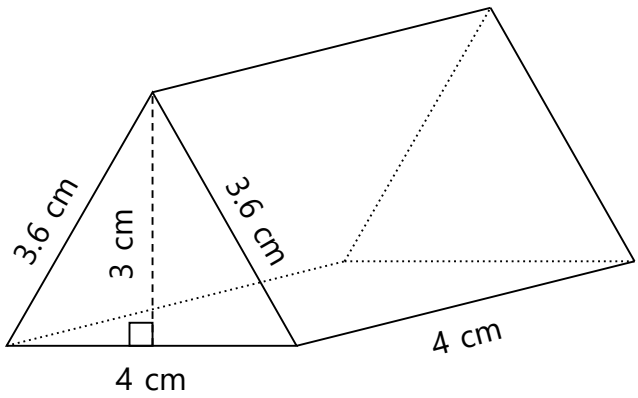
V = 140 cm^3

2)



V = 240 cm^3

3)



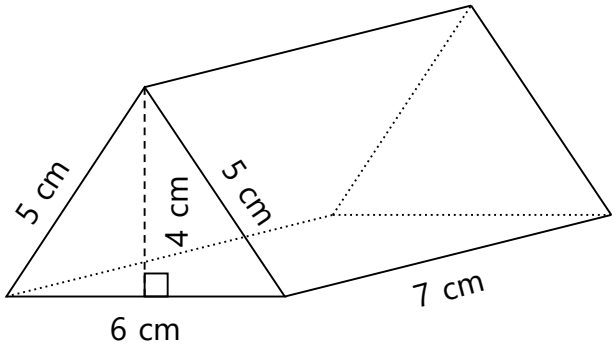
V = 24 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Triangular Prisms 3

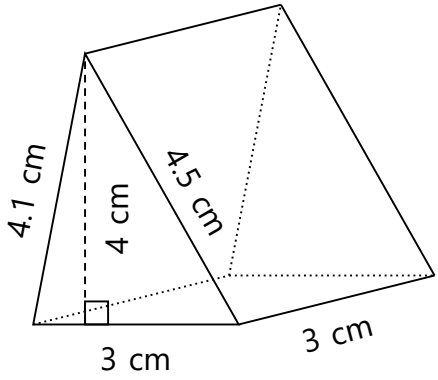
Find the volume.

1)



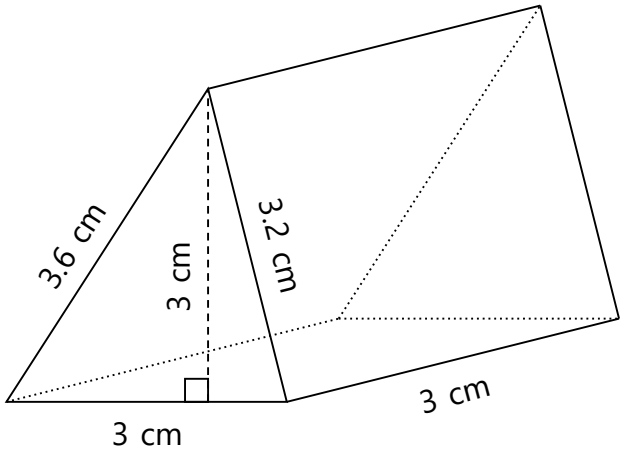
V = 84 cm^3

2)



V = 18 cm^3

3)



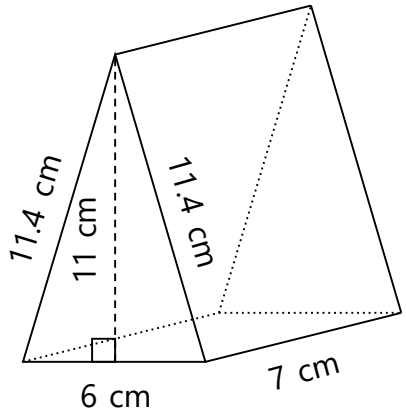
V = 14 cm^3

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Triangular Prisms 1

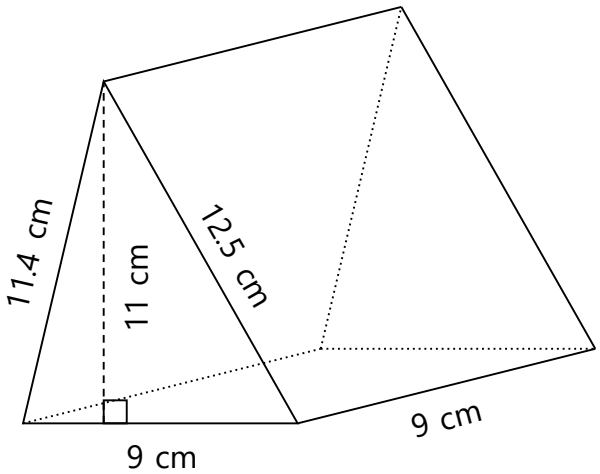
Find the surface area.

1)



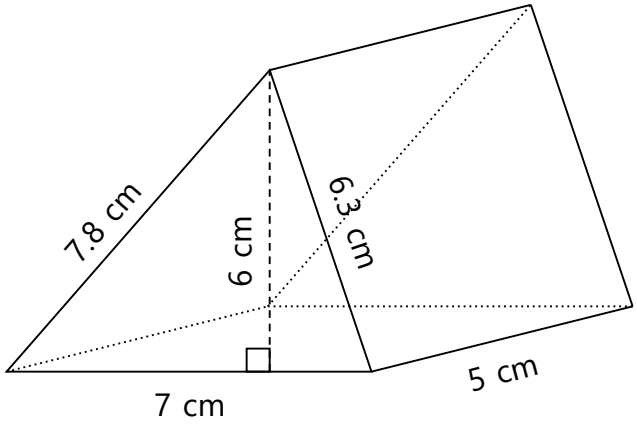
SA = 267.6 cm^2

2)



SA = 395.1 cm^2

3)



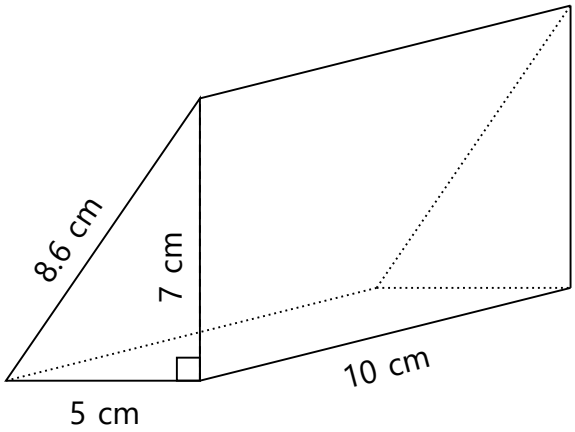
SA = 147.5 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Triangular Prisms 2

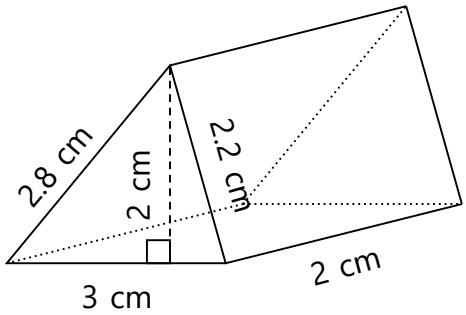
Find the surface area.

1)



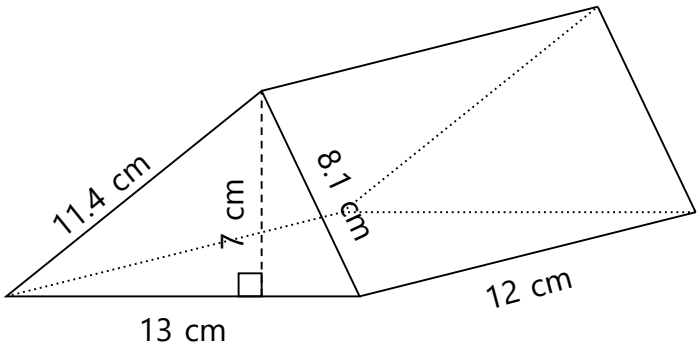
SA = 241.0 cm^2

2)



SA = 22.0 cm^2

3)



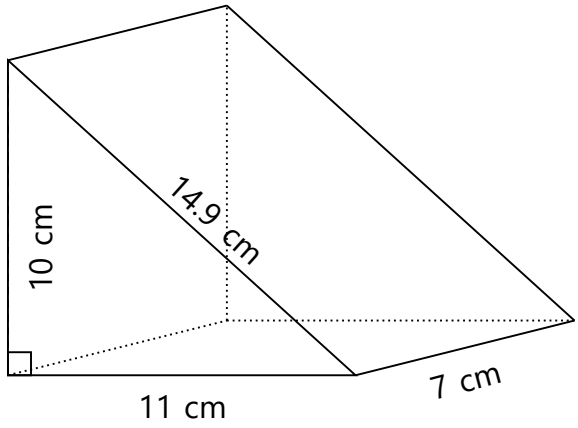
SA = 481.0 cm^2

Name:_____ Class:_____ Date:____/____/_____

Surface Area Of Triangular Prisms 3

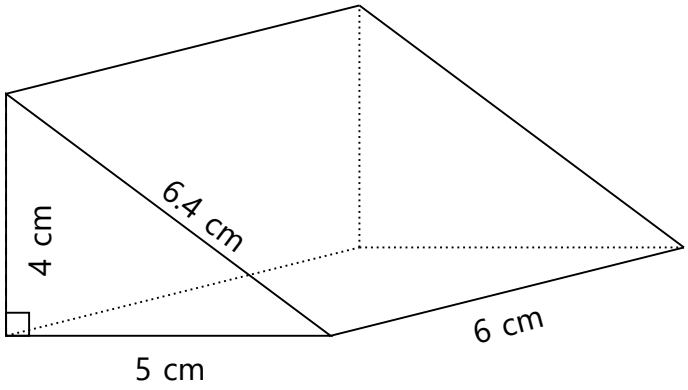
Find the surface area.

1)



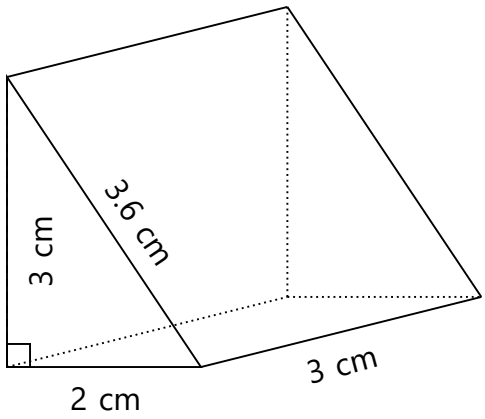
SA = 361.3 cm^2

2)



SA = 112.4 cm^2

3)



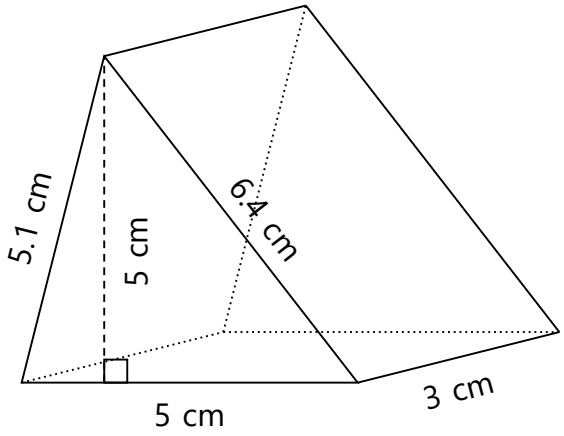
SA = 31.8 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Triangular Prisms 1

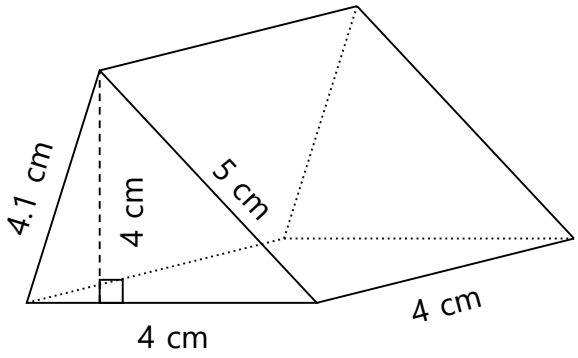
Find the volume and surface area.

1)



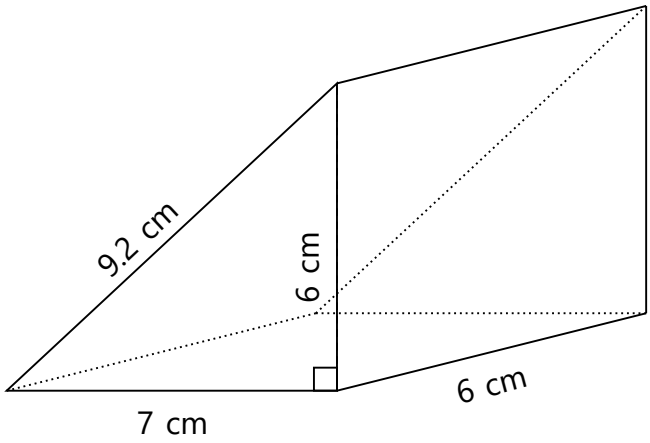
V = 38 cm^3 SA = 74.5 cm^2

2)



V = 32 cm^3 SA = 68.4 cm^2

3)



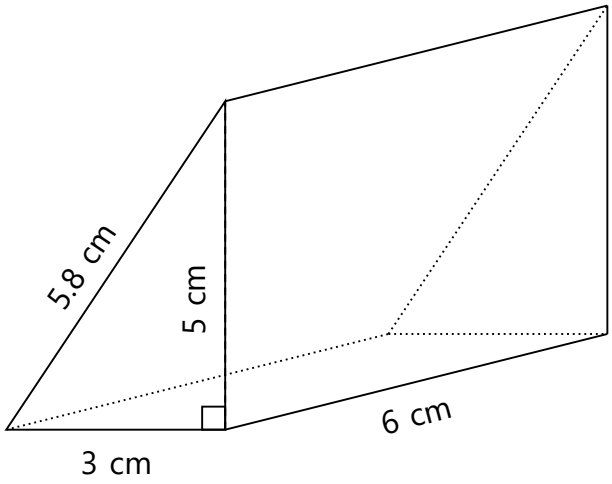
V = 126 cm^3 SA = 175.2 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Triangular Prisms 2

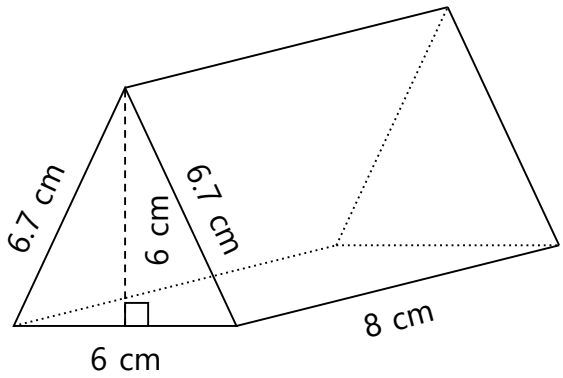
Find the volume and surface area.

1)



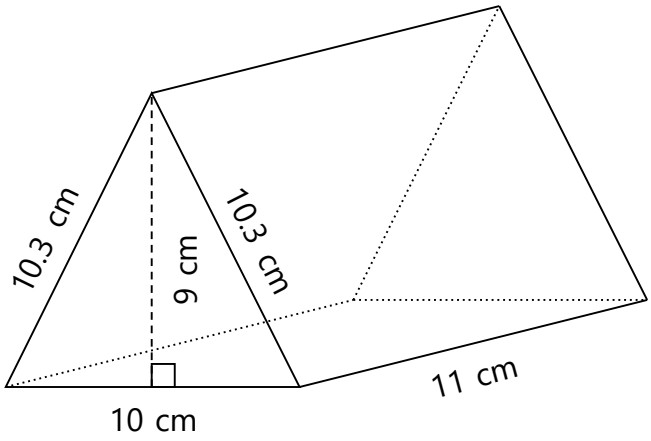
V = 45 cm^3 SA = 97.8 cm^2

2)



V = 144 cm^3 SA = 191.2 cm^2

3)



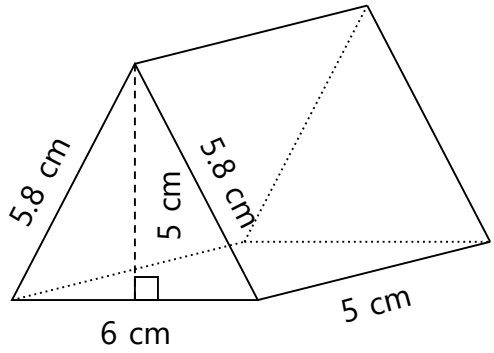
V = 495 cm^3 SA = 426.6 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume And Surface Area Of Triangular Prisms 3

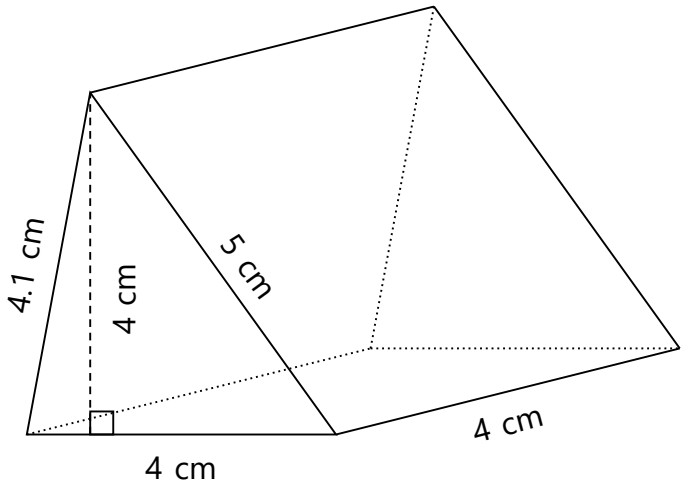
Find the volume and surface area.

1)



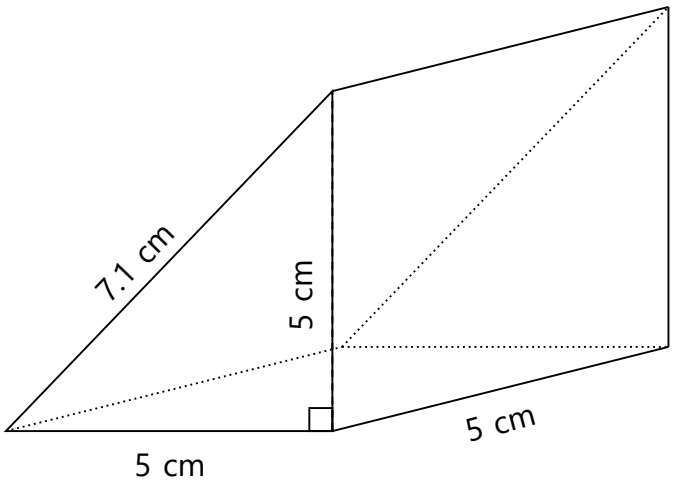
V = 75 cm^3 SA = 118.0 cm^2

2)



V = 32 cm^3 SA = 68.4 cm^2

3)



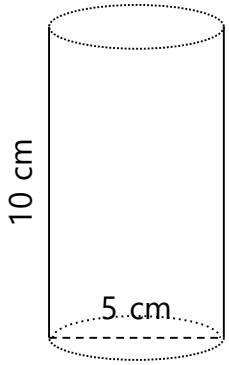
V = 62 cm^3 SA = 110.5 cm^2

Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 1

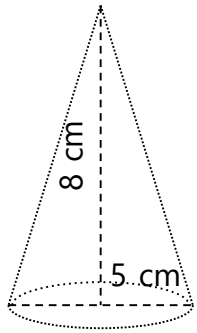
Find the volume.

1)



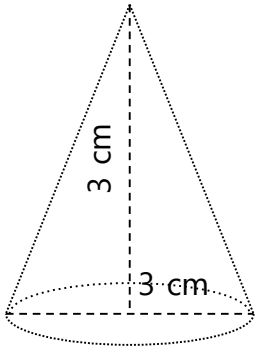
V = 196.35 cm^3

2)



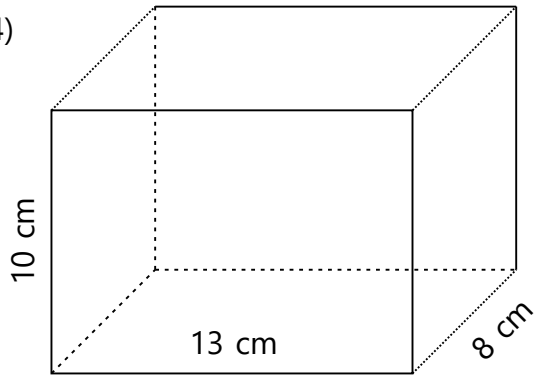
V = 52 cm^3

3)



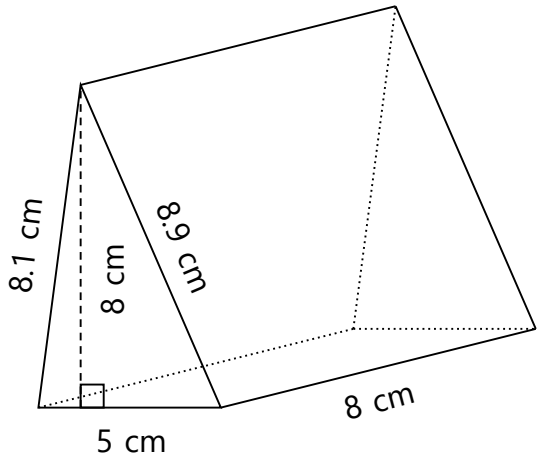
V = 7 cm^3

4)



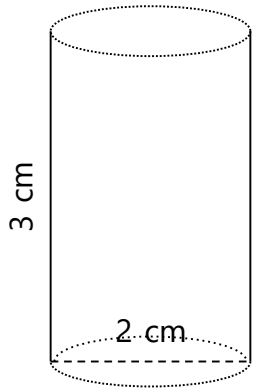
V = 1,040 cm^3

5)



V = 160 cm^3

6)



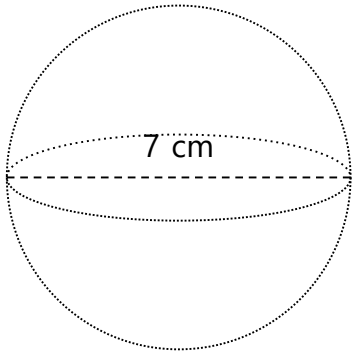
V = 9.42 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 2

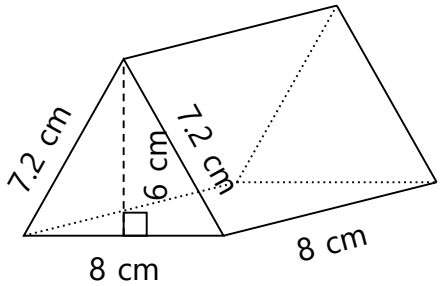
Find the volume.

1)



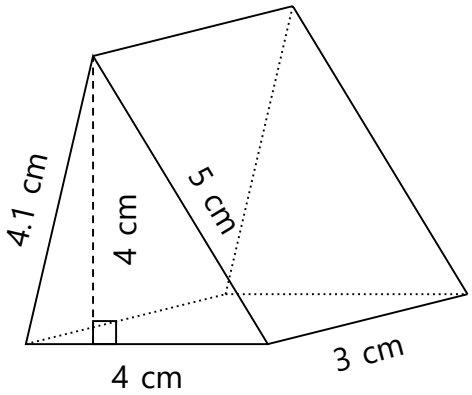
V = 180 cm^3

2)



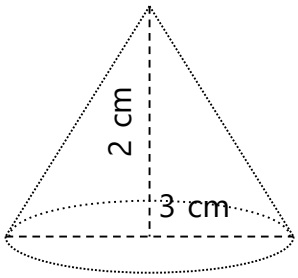
V = 192 cm^3

3)



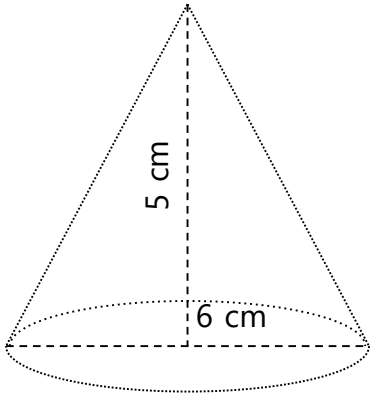
V = 24 cm^3

4)



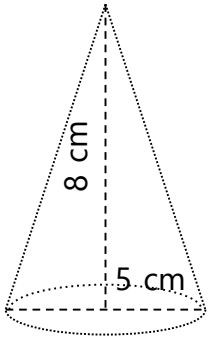
V = 5 cm^3

5)



V = 47 cm^3

6)



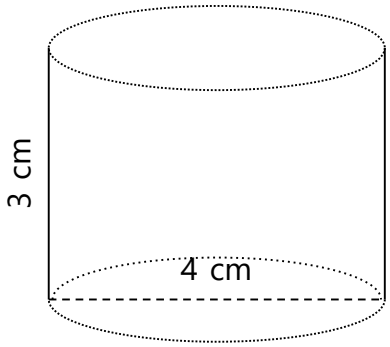
V = 52 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 3

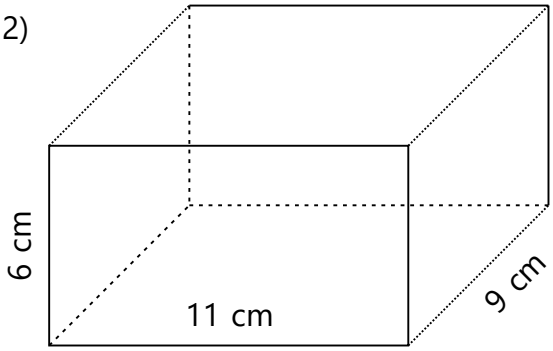
Find the volume.

1)



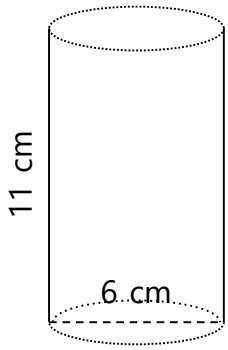
V = 37.70 cm^3

2)



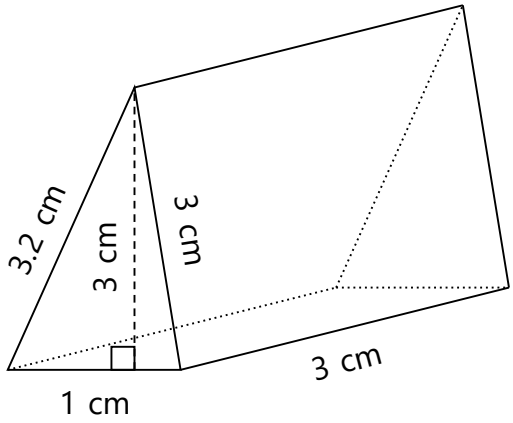
V = 594 cm^3

3)



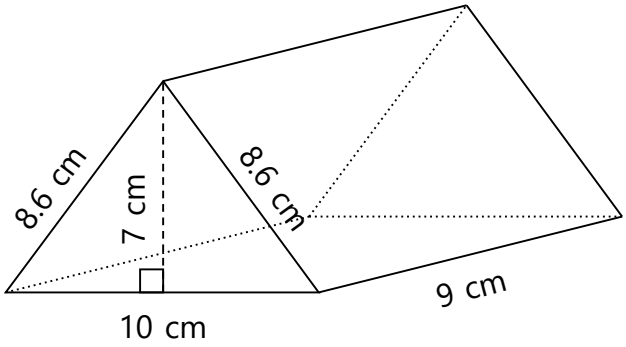
V = 311.02 cm^3

4)



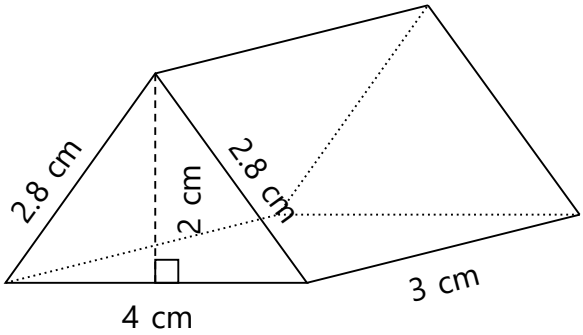
V = 4 cm^3

5)



V = 315 cm^3

6)



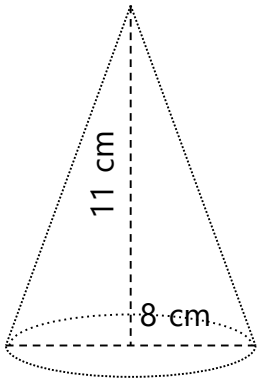
V = 12 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 4

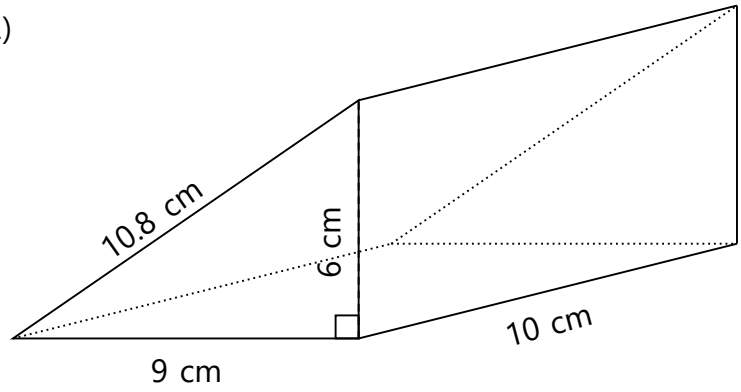
Find the volume.

1)



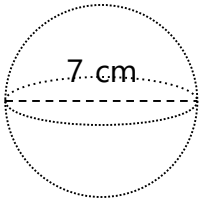
V = 184 cm^3

2)



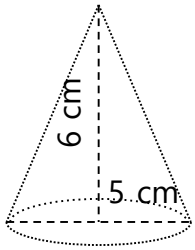
V = 270 cm^3

3)



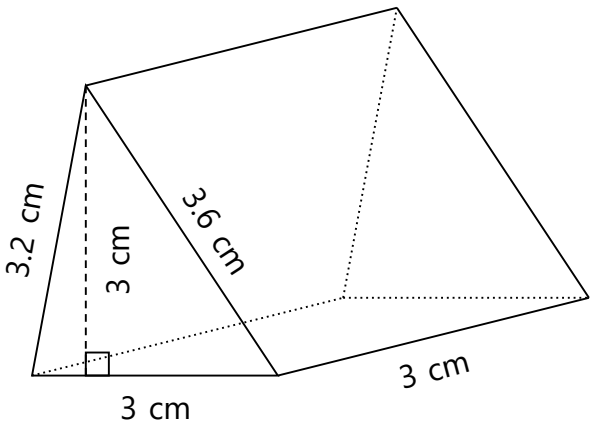
V = 180 cm^3

4)



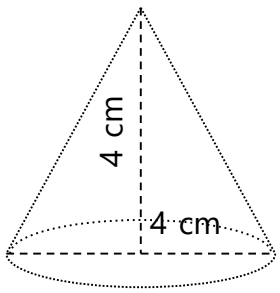
V = 39 cm^3

5)



V = 14 cm^3

6)



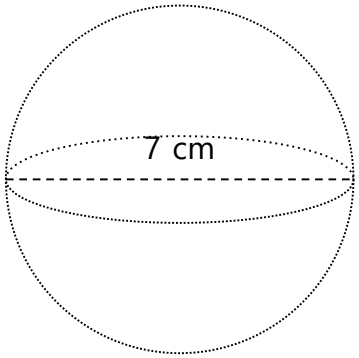
V = 17 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Of Three Dimensional Shapes 5

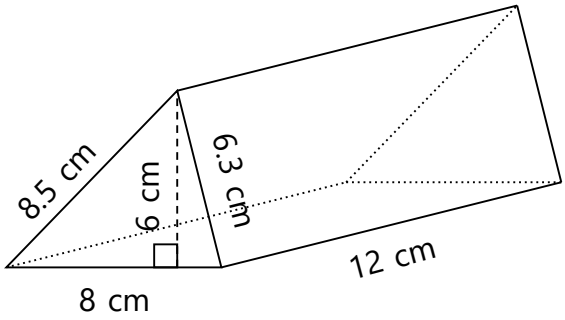
Find the volume.

1)



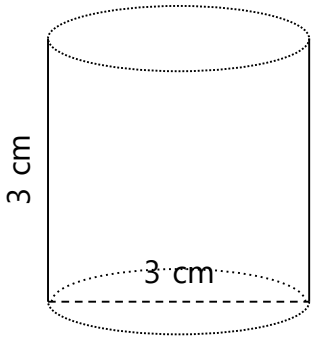
V = 180 cm^3

2)



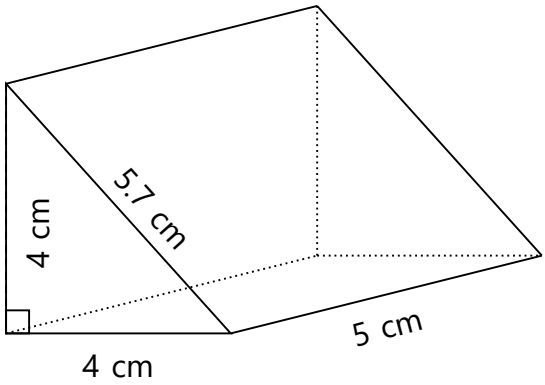
V = 288 cm^3

3)



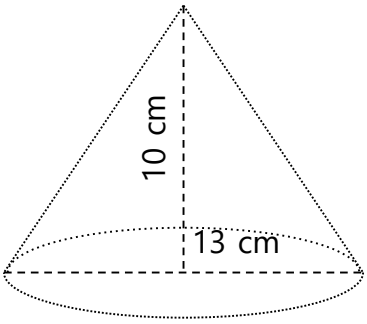
V = 21.21 cm^3

4)



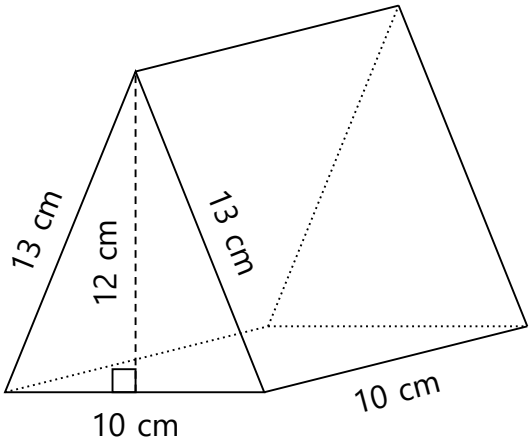
V = 40 cm^3

5)



V = 442 cm^3

6)



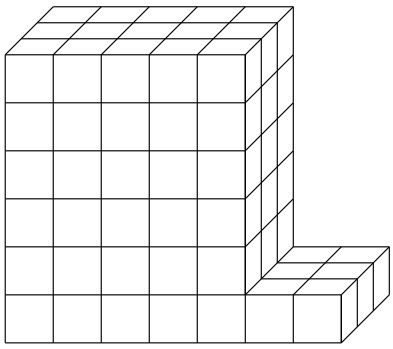
V = 600 cm^3

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 1

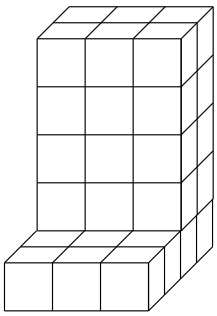
Determine the number of cubes.

1)



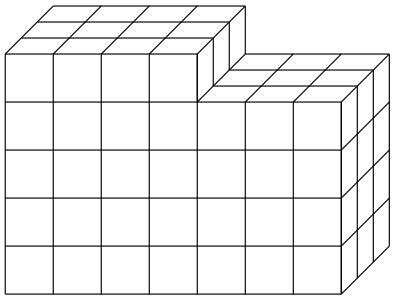
96 cubic units

2)



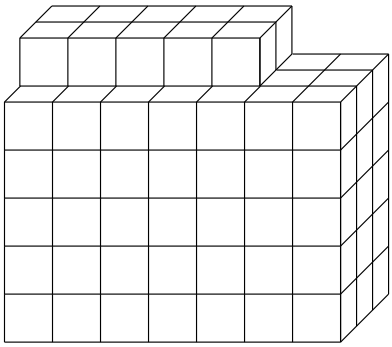
36 cubic units

3)



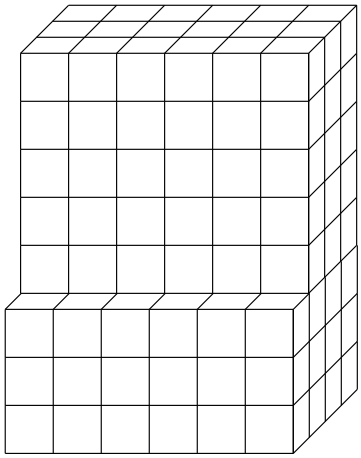
96 cubic units

4)



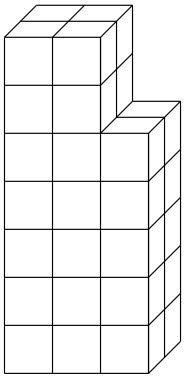
115 cubic units

5)



162 cubic units

6)



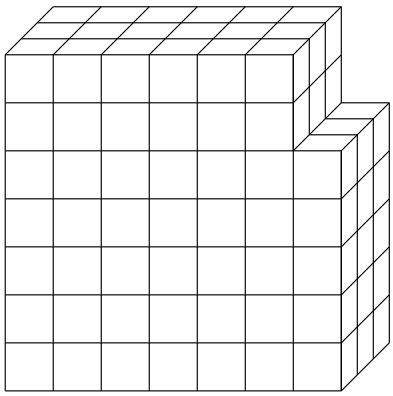
38 cubic units

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 2

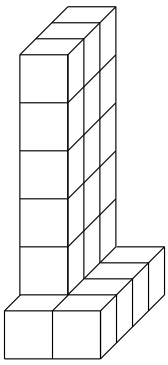
Determine the number of cubes.

1)



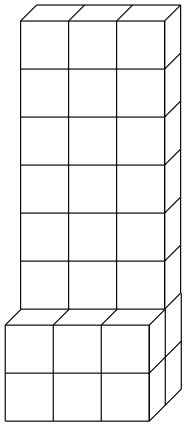
141 cubic units

2)



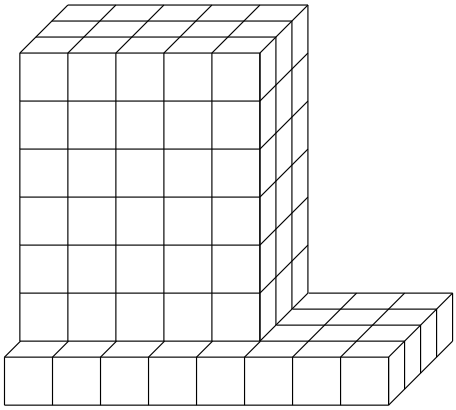
23 cubic units

3)



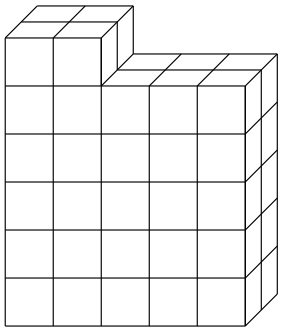
30 cubic units

4)



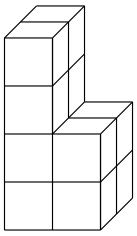
122 cubic units

5)



54 cubic units

6)



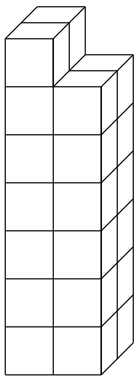
12 cubic units

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 3

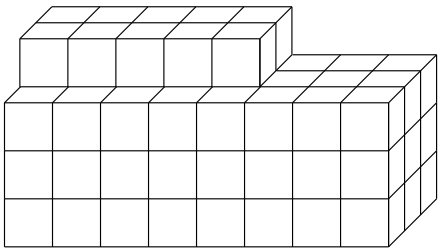
Determine the number of cubes.

1)



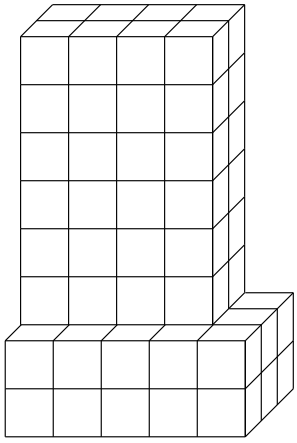
26 cubic units

2)



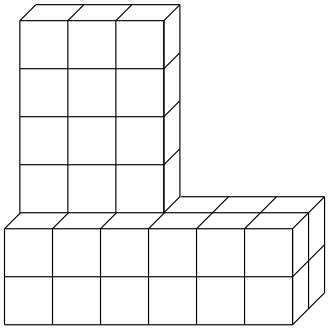
82 cubic units

3)



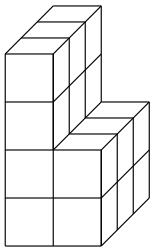
78 cubic units

4)



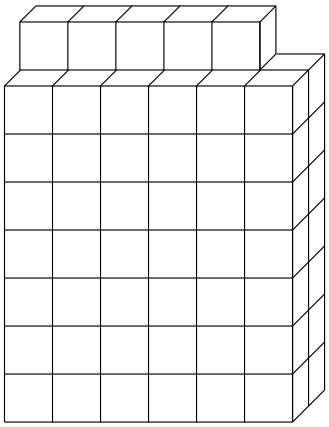
36 cubic units

5)



18 cubic units

6)



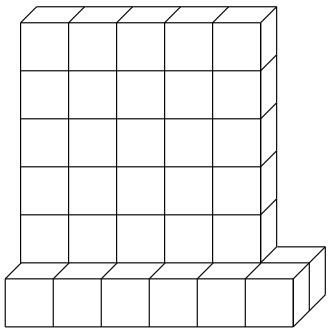
89 cubic units

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 4

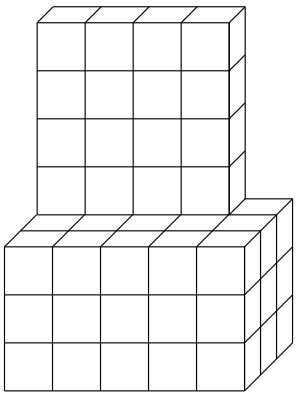
Determine the number of cubes.

1)



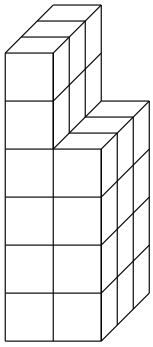
37 cubic units

2)



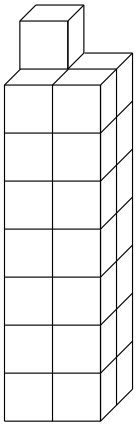
61 cubic units

3)



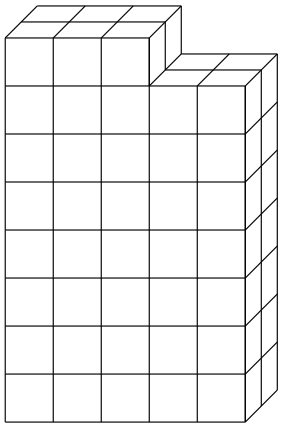
30 cubic units

4)



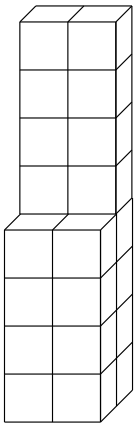
29 cubic units

5)



76 cubic units

6)



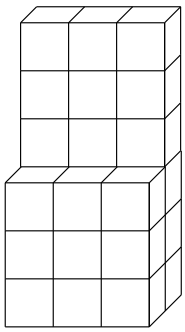
24 cubic units

Name:_____ Class:_____ Date:____/____/_____

Volume Cubes 5

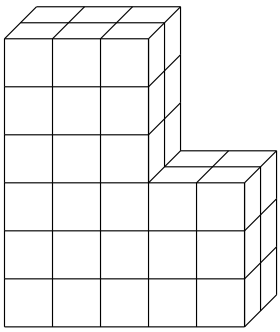
Determine the number of cubes.

1)



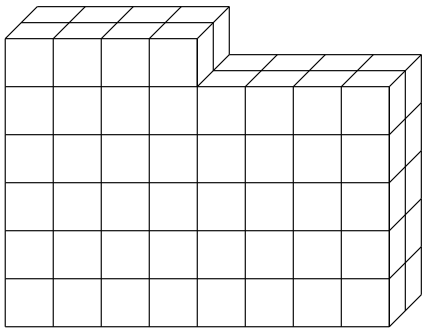
27 cubic units

2)



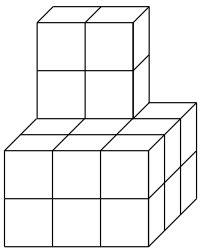
48 cubic units

3)



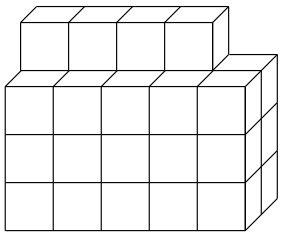
88 cubic units

4)



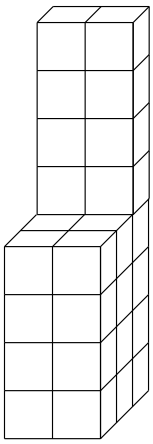
22 cubic units

5)



34 cubic units

6)



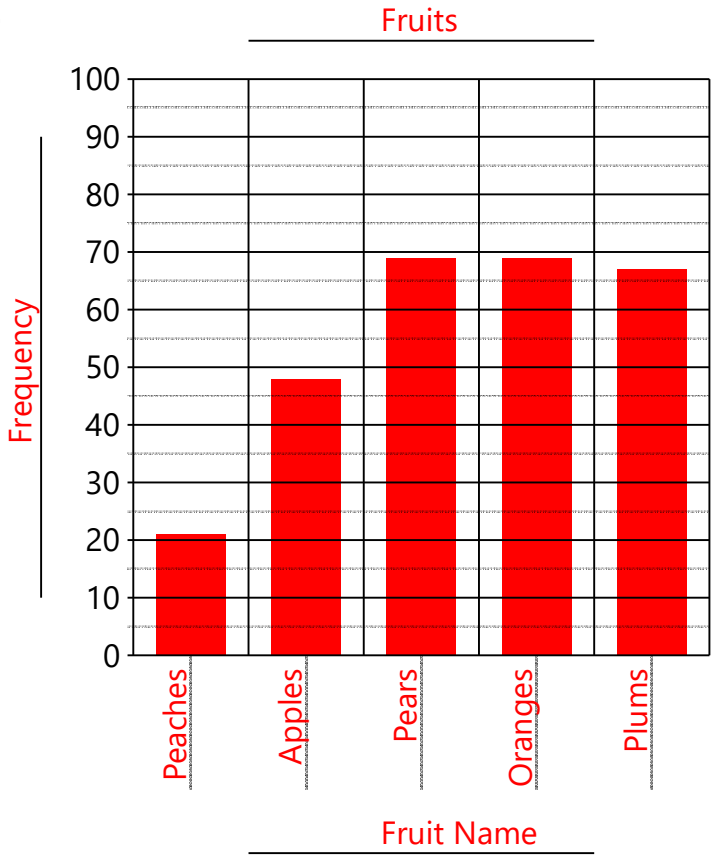
32 cubic units

Name:_____ Class:_____ Date:____/____/_____

Bar Graphs

Complete the graph.

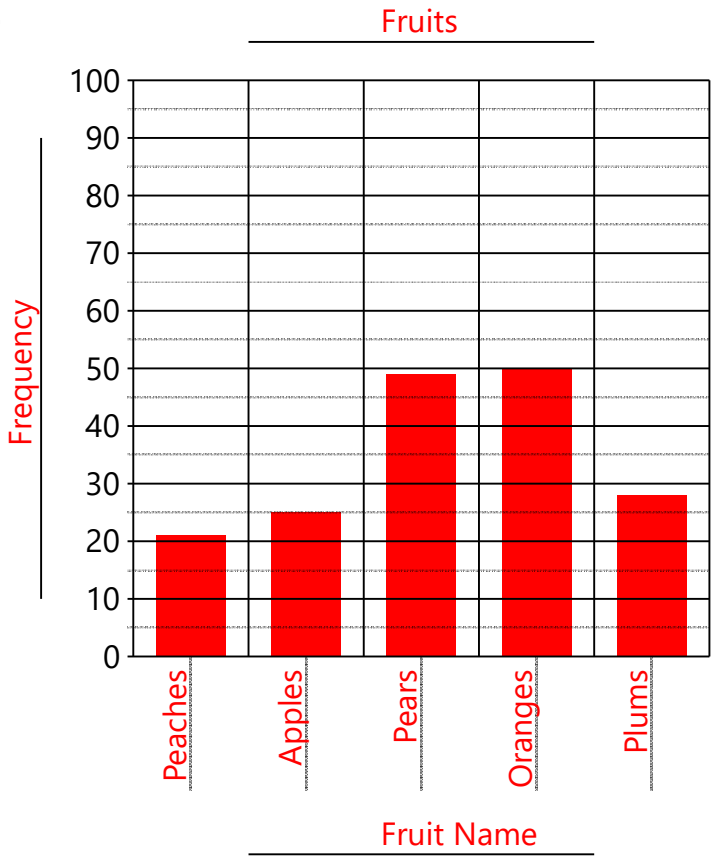
1)



Fruits

Fruit Name	Frequency
Peaches	21
Apples	48
Pears	69
Oranges	69
Plums	67

2)



Fruits

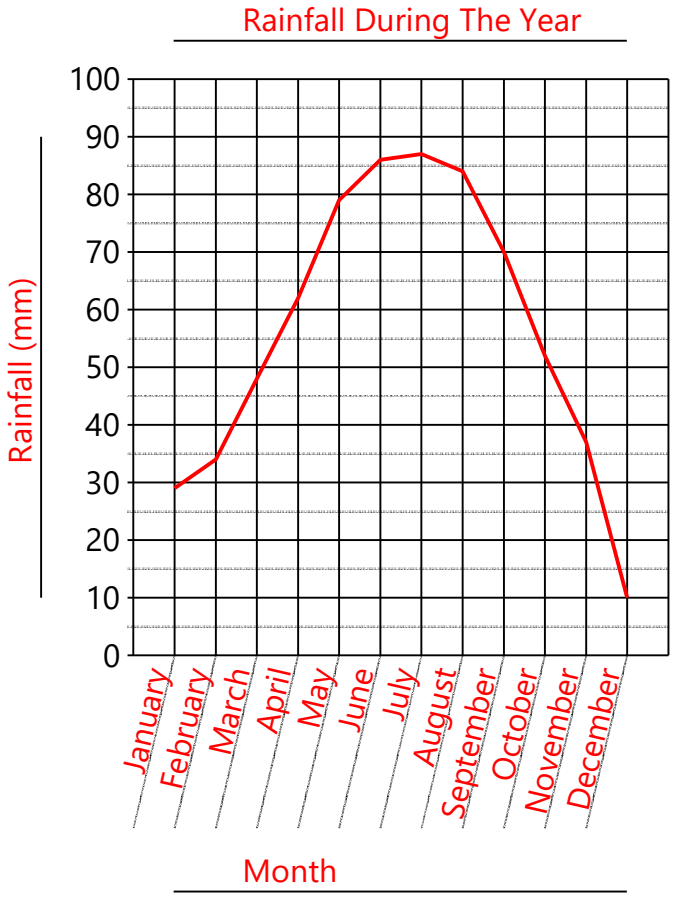
Fruit Name	Frequency
Peaches	21
Apples	25
Pears	49
Oranges	50
Plums	28

Name:_____ Class:_____ Date:____/____/_____

Line Graphs

Complete the graph.

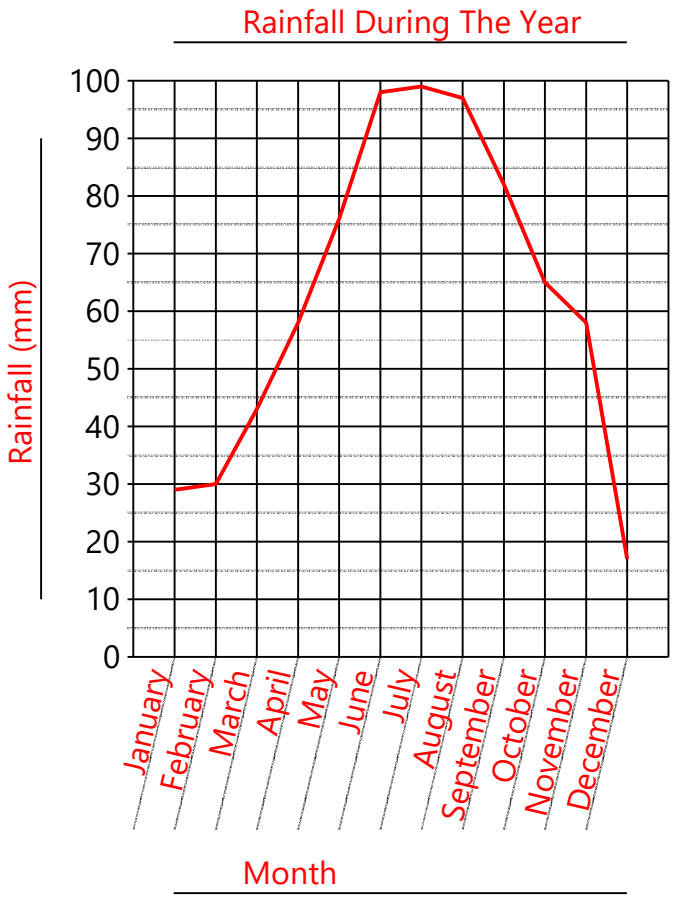
1)



Rainfall During The Year

Month	Rainfall (mm)
January	29
February	34
March	48
April	62
May	79
June	86
July	87
August	84
September	70
October	52
November	37
December	10

2)



Rainfall During The Year

Month	Rainfall (mm)
January	29
February	30
March	43
April	58
May	76
June	98
July	99
August	97
September	82
October	65
November	58
December	17

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 1

Convert the given measures to new units.

1) 73 cm = 730 mm
2) 22 cm = 220 mm
3) 31 cm = 0.31 m
4) 29 mm = 2.9 cm
5) 22 m = 2,200 cm
6) 99 cm = 0.99 m
7) 73 mm = 7.3 cm
8) 12 m = 1,200 cm
9) 73 m = 7,300 cm
10) 61 m = 61,000 mm
11) 46 cm = 0.46 m
12) 71 mm = 0.071 m
13) 85 m = 8,500 cm
14) 41 cm = 410 mm
15) 56 m = 5,600 cm
16) 88 m = 8,800 cm
17) 49 m = 49,000 mm
18) 66 m = 6,600 cm
19) 22 cm = 0.22 m
20) 65 m = 65,000 mm
21) 67 mm = 0.067 m
22) 66 mm = 6.6 cm
23) 82 mm = 8.2 cm
24) 13 m = 1,300 cm
25) 91 mm = 0.091 m
26) 96 cm = 0.96 m
27) 39 m = 3,900 cm
28) 21 mm = 2.1 cm
29) 28 mm = 0.028 m
30) 85 cm = 0.85 m
31) 39 mm = 3.9 cm
32) 36 m = 3,600 cm
33) 61 m = 6,100 cm
34) 98 m = 9,800 cm
35) 73 m = 73,000 mm
36) 69 m = 6,900 cm
37) 11 m = 11,000 mm
38) 29 m = 2,900 cm
39) 35 cm = 0.35 m
40) 91 cm = 910 mm
41) 38 m = 38,000 mm
42) 53 cm = 530 mm
43) 88 mm = 8.8 cm
44) 67 m = 6,700 cm
45) 70 m = 7,000 cm
46) 36 cm = 360 mm
47) 59 mm = 5.9 cm
48) 18 cm = 0.18 m
49) 79 mm = 7.9 cm
50) 43 m = 4,300 cm
51) 93 cm = 0.93 m
52) 24 m = 24,000 mm
53) 48 mm = 4.8 cm
54) 42 cm = 420 mm

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 2

Convert the given measures to new units.

1) 45 g = 45,000 mg
2) 82 mg = 0.082 g
3) 16 g = 16,000 mg
4) 54 mg = 0.054 g
5) 89 mg = 0.089 g
6) 59 g = 59,000 mg
7) 45 mg = 0.045 g
8) 85 g = 85,000 mg
9) 97 g = 97,000 mg
10) 97 mg = 0.097 g
11) 29 g = 29,000 mg
12) 11 mg = 0.011 g
13) 56 mg = 0.056 g
14) 44 g = 44,000 mg
15) 74 mg = 0.074 g
16) 42 g = 42,000 mg
17) 31 mg = 0.031 g
18) 83 g = 83,000 mg
19) 57 mg = 0.057 g
20) 36 g = 36,000 mg
21) 86 g = 86,000 mg
22) 71 mg = 0.071 g
23) 30 g = 30,000 mg
24) 88 g = 88,000 mg
25) 81 g = 81,000 mg
26) 71 g = 71,000 mg
27) 47 g = 47,000 mg
28) 64 mg = 0.064 g
29) 73 mg = 0.073 g
30) 95 g = 95,000 mg
31) 84 g = 84,000 mg
32) 66 mg = 0.066 g
33) 60 mg = 0.06 g
34) 75 g = 75,000 mg
35) 79 mg = 0.079 g
36) 20 g = 20,000 mg
37) 80 g = 80,000 mg
38) 61 mg = 0.061 g
39) 30 mg = 0.03 g
40) 24 g = 24,000 mg
41) 17 g = 17,000 mg
42) 40 mg = 0.04 g
43) 28 g = 28,000 mg
44) 18 g = 18,000 mg
45) 95 mg = 0.095 g
46) 33 g = 33,000 mg
47) 10 mg = 0.01 g
48) 77 g = 77,000 mg
49) 72 g = 72,000 mg
50) 87 g = 87,000 mg
51) 96 mg = 0.096 g
52) 60 g = 60,000 mg
53) 64 g = 64,000 mg
54) 37 g = 37,000 mg

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 3

Convert the given measures to new units.

1) 90 kg = 0.09 t
2) 18 t = 18,000 kg
3) 44 t = 44,000 kg
4) 46 t = 46,000 kg
5) 94 t = 94,000 kg
6) 56 t = 56,000 kg
7) 27 kg = 0.027 t
8) 41 t = 41,000 kg
9) 25 kg = 0.025 t
10) 42 t = 42,000 kg
11) 91 t = 91,000 kg
12) 30 kg = 0.03 t
13) 34 t = 34,000 kg
14) 29 kg = 0.029 t
15) 96 t = 96,000 kg
16) 14 kg = 0.014 t
17) 74 kg = 0.074 t
18) 42 kg = 0.042 t
19) 13 kg = 0.013 t
20) 82 t = 82,000 kg
21) 61 kg = 0.061 t
22) 98 t = 98,000 kg
23) 58 kg = 0.058 t
24) 47 t = 47,000 kg
25) 62 kg = 0.062 t
26) 48 kg = 0.048 t
27) 23 kg = 0.023 t
28) 35 t = 35,000 kg
29) 88 t = 88,000 kg
30) 81 t = 81,000 kg
31) 22 kg = 0.022 t
32) 27 t = 27,000 kg
33) 22 t = 22,000 kg
34) 78 kg = 0.078 t
35) 26 t = 26,000 kg
36) 88 kg = 0.088 t
37) 64 kg = 0.064 t
38) 73 t = 73,000 kg
39) 87 kg = 0.087 t
40) 90 t = 90,000 kg
41) 31 kg = 0.031 t
42) 20 t = 20,000 kg
43) 37 kg = 0.037 t
44) 79 kg = 0.079 t
45) 50 kg = 0.05 t
46) 89 kg = 0.089 t
47) 50 t = 50,000 kg
48) 15 kg = 0.015 t
49) 19 kg = 0.019 t
50) 91 kg = 0.091 t
51) 59 kg = 0.059 t
52) 83 t = 83,000 kg
53) 56 kg = 0.056 t
54) 43 kg = 0.043 t

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 4

Convert the given measures to new units.

1) 23 L = 23,000 mL
2) 33 mL = 0.033 L
3) 38 mL = 0.038 L
4) 51 L = 51,000 mL
5) 71 mL = 0.071 L
6) 99 L = 99,000 mL
7) 33 L = 33,000 mL
8) 88 mL = 0.088 L
9) 60 mL = 0.06 L
10) 58 mL = 0.058 L
11) 21 L = 21,000 mL
12) 89 L = 89,000 mL
13) 71 L = 71,000 mL
14) 36 L = 36,000 mL
15) 24 L = 24,000 mL
16) 80 L = 80,000 mL
17) 39 mL = 0.039 L
18) 85 L = 85,000 mL
19) 44 L = 44,000 mL
20) 70 mL = 0.07 L
21) 56 L = 56,000 mL
22) 15 mL = 0.015 L
23) 79 mL = 0.079 L
24) 68 L = 68,000 mL
25) 83 mL = 0.083 L
26) 94 L = 94,000 mL
27) 43 L = 43,000 mL
28) 31 L = 31,000 mL
29) 80 mL = 0.08 L
30) 63 mL = 0.063 L
31) 46 mL = 0.046 L
32) 95 L = 95,000 mL
33) 12 mL = 0.012 L
34) 67 mL = 0.067 L
35) 20 mL = 0.02 L
36) 25 L = 25,000 mL
37) 90 L = 90,000 mL
38) 68 mL = 0.068 L
39) 98 L = 98,000 mL
40) 30 L = 30,000 mL
41) 85 mL = 0.085 L
42) 10 L = 10,000 mL
43) 26 L = 26,000 mL
44) 92 L = 92,000 mL
45) 66 L = 66,000 mL
46) 28 mL = 0.028 L
47) 81 L = 81,000 mL
48) 87 L = 87,000 mL
49) 89 mL = 0.089 L
50) 11 L = 11,000 mL
51) 77 mL = 0.077 L
52) 57 mL = 0.057 L
53) 41 mL = 0.041 L
54) 40 L = 40,000 mL

Name:_____ Class:_____ Date:____/____/_____

Metric Weights and Measures 5

Convert the given measures to new units.

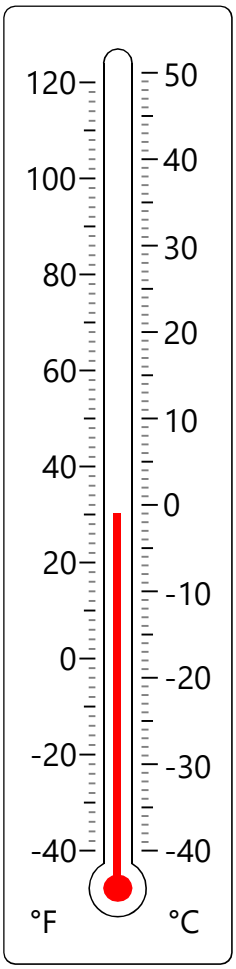
1) 55 kL = 55,000 L
2) 72 kL = 72,000 L
3) 22 kL = 22,000 L
4) 84 kL = 84,000 L
5) 74 L = 0.074 kL
6) 72 L = 0.072 kL
7) 78 kL = 78,000 L
8) 37 L = 0.037 kL
9) 68 L = 0.068 kL
10) 45 kL = 45,000 L
11) 94 L = 0.094 kL
12) 68 kL = 68,000 L
13) 40 kL = 40,000 L
14) 50 L = 0.05 kL
15) 56 kL = 56,000 L
16) 35 kL = 35,000 L
17) 87 kL = 87,000 L
18) 16 kL = 16,000 L
19) 38 L = 0.038 kL
20) 89 L = 0.089 kL
21) 88 kL = 88,000 L
22) 49 L = 0.049 kL
23) 89 kL = 89,000 L
24) 67 kL = 67,000 L
25) 24 L = 0.024 kL
26) 12 L = 0.012 kL
27) 81 kL = 81,000 L
28) 32 L = 0.032 kL
29) 37 kL = 37,000 L
30) 23 L = 0.023 kL
31) 19 L = 0.019 kL
32) 56 L = 0.056 kL
33) 71 kL = 71,000 L
34) 59 kL = 59,000 L
35) 73 L = 0.073 kL
36) 64 L = 0.064 kL
37) 16 L = 0.016 kL
38) 63 L = 0.063 kL
39) 41 L = 0.041 kL
40) 98 L = 0.098 kL
41) 63 kL = 63,000 L
42) 45 L = 0.045 kL
43) 43 kL = 43,000 L
44) 73 kL = 73,000 L
45) 41 kL = 41,000 L
46) 86 L = 0.086 kL
47) 44 kL = 44,000 L
48) 33 kL = 33,000 L
49) 14 kL = 14,000 L
50) 88 L = 0.088 kL
51) 70 L = 0.07 kL
52) 53 kL = 53,000 L
53) 43 L = 0.043 kL
54) 46 kL = 46,000 L

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 1

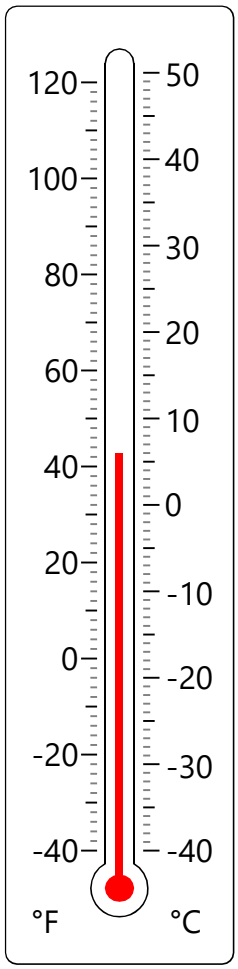
Identify the temperature for each thermometer.

1)



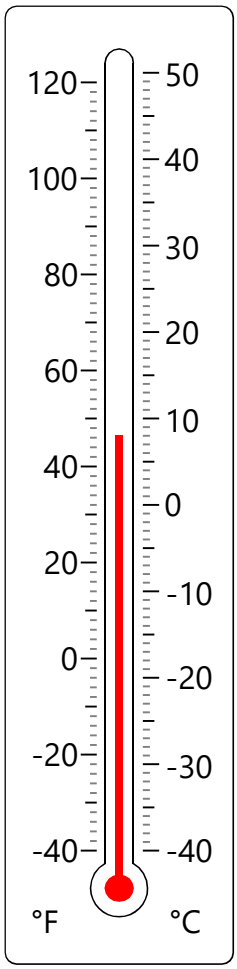
-1 °C

2)



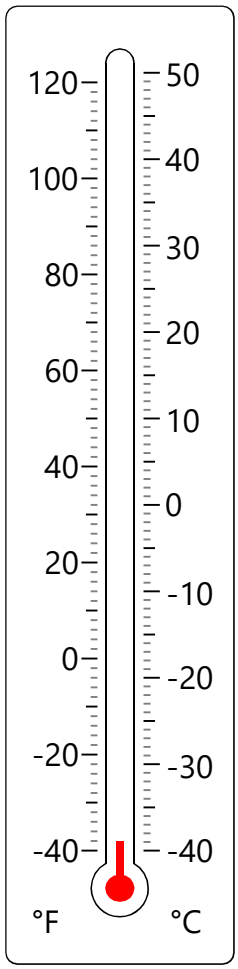
6 °C

3)



8 °C

4)



-39 °C

Temperature Conversion

Convert the given temperatures.

1) 115 °F = 46.111 °C
2) 1 °C = 33.8 °F
3) 74 °F = 23.333 °C

4) 16 °F = -8.889 °C
5) 108 °F = 42.222 °C
6) 1 °C = 33.8 °F

7) 62 °F = 16.667 °C
8) 49 °F = 9.444 °C
9) 82 °F = 27.778 °C

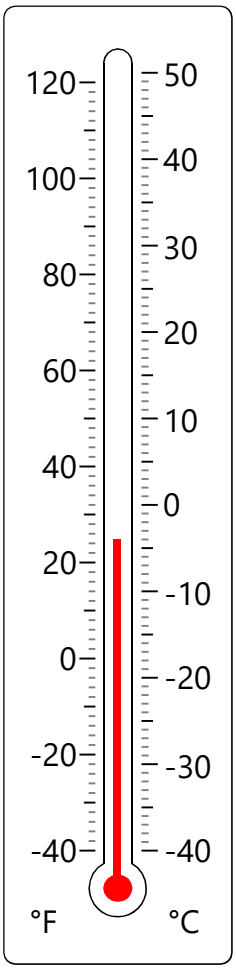
10) 1 °F = -17.222 °C
11) 1 °C = 33.8 °F
12) 113 °F = 45 °C

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 2

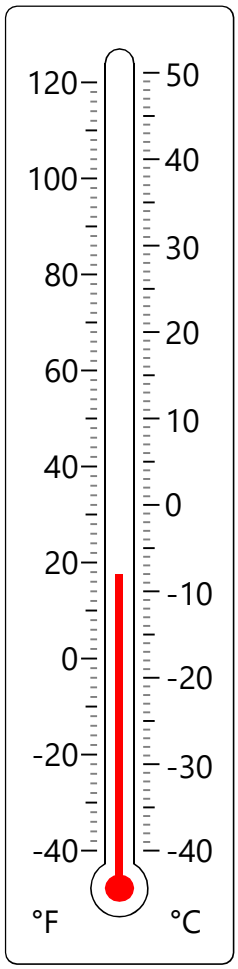
Identify the temperature for each thermometer.

1)



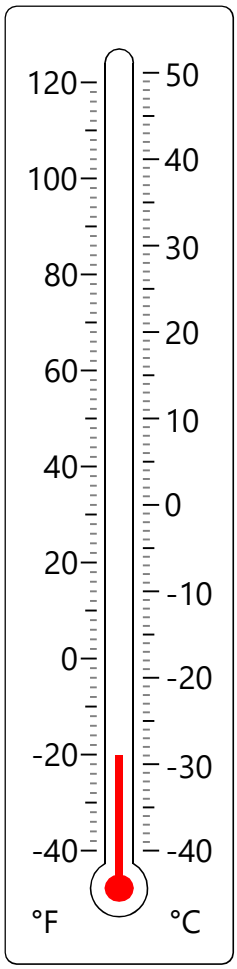
-4 °C

2)



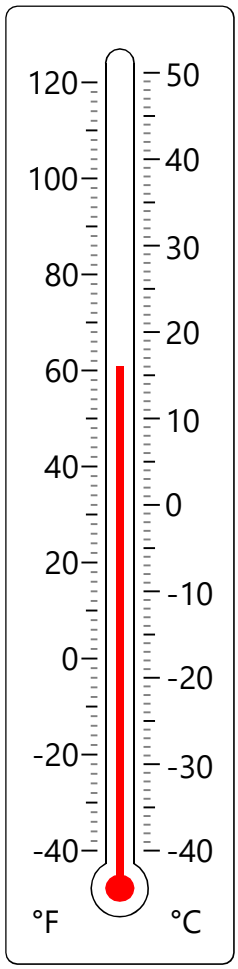
-8 °C

3)



-29 °C

4)



16 °C

Temperature Conversion

Convert the given temperatures.

1) 90 °F = 32.222 °C
2) 37 °F = 2.778 °C
3) 24 °C = 75.2 °F

4) 1 °C = 33.8 °F
5) 7 °C = 44.6 °F
6) 1 °C = 33.8 °F

7) 79 °F = 26.111 °C
8) 11 °C = 51.8 °F
9) 63 °F = 17.222 °C

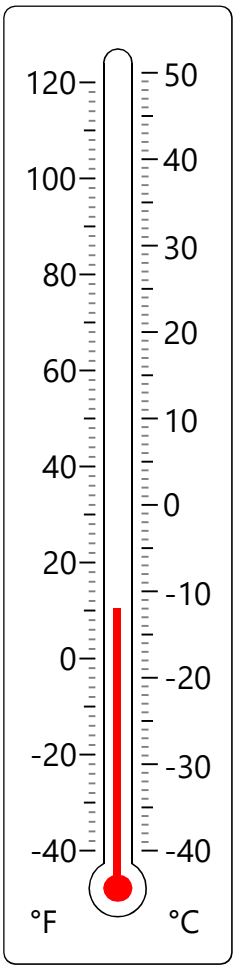
10) 32 °F = 0 °C
11) 3 °C = 37.4 °F
12) 48 °F = 8.889 °C

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 3

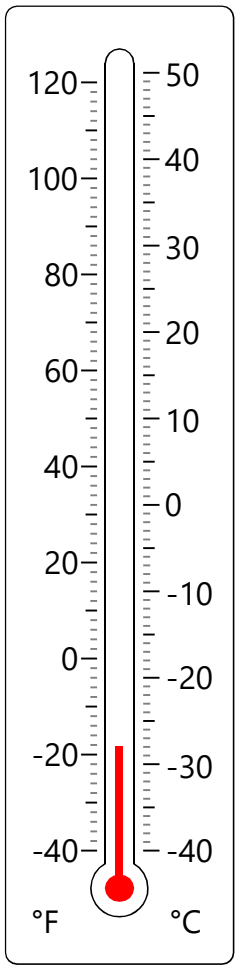
Identify the temperature for each thermometer.

1)



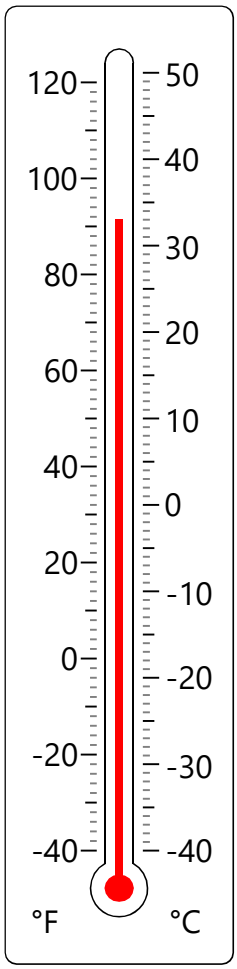
-12 °C

2)



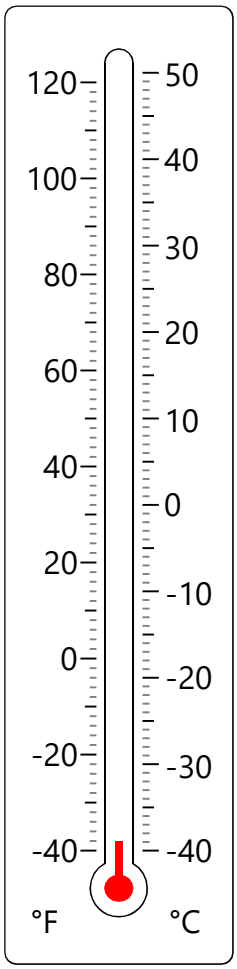
-28 °C

3)



33 °C

4)



-39 °C

Temperature Conversion

Convert the given temperatures.

1) 44 °F = 6.667 °C
2) 22 °C = 71.6 °F
3) 30 °C = 86 °F

4) 13 °C = 55.4 °F
5) 94 °F = 34.444 °C
6) 35 °F = 1.667 °C

7) 1 °C = 33.8 °F
8) 16 °C = 60.8 °F
9) 14 °C = 57.2 °F

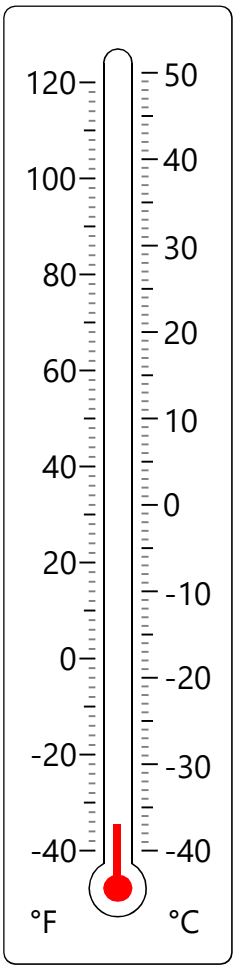
10) 3 °C = 37.4 °F
11) 40 °F = 4.444 °C
12) 5 °C = 41 °F

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 4

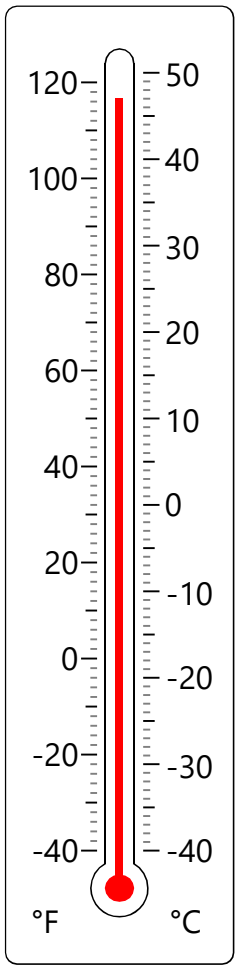
Identify the temperature for each thermometer.

1)



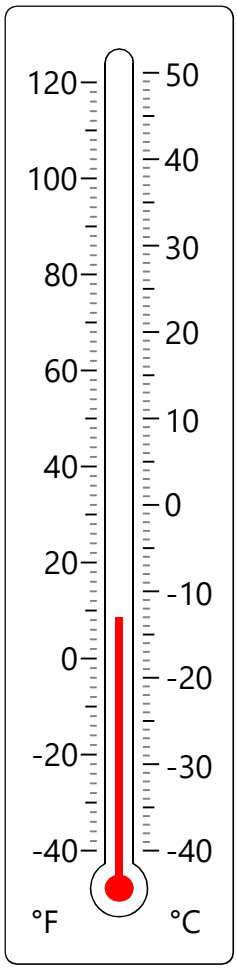
-37 °C

2)



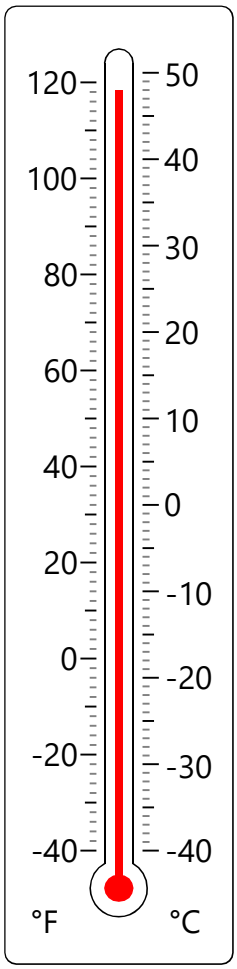
47 °C

3)



-13 °C

4)



48 °C

Temperature Conversion

Convert the given temperatures.

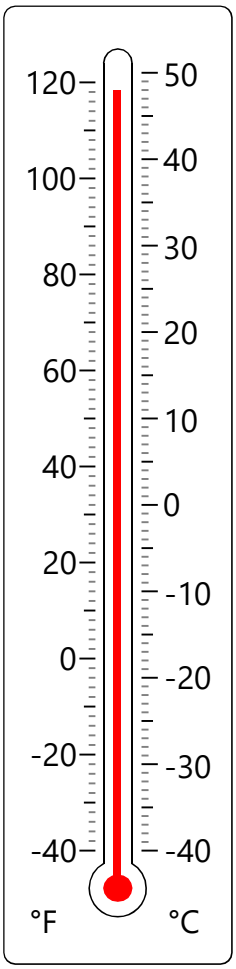
1) 1 °C = 33.8 °F
2) 7 °F = -13.889 °C
3) 56 °F = 13.333 °C
4) 74 °F = 23.333 °C
5) 1 °C = 33.8 °F
6) 91 °F = 32.778 °C
7) 64 °F = 17.778 °C
8) 113 °F = 45 °C
9) 95 °F = 35 °C
10) 17 °F = -8.333 °C
11) 84 °F = 28.889 °C
12) 97 °F = 36.111 °C

Name:_____ Class:_____ Date:____/____/_____

Reading Thermometers 5

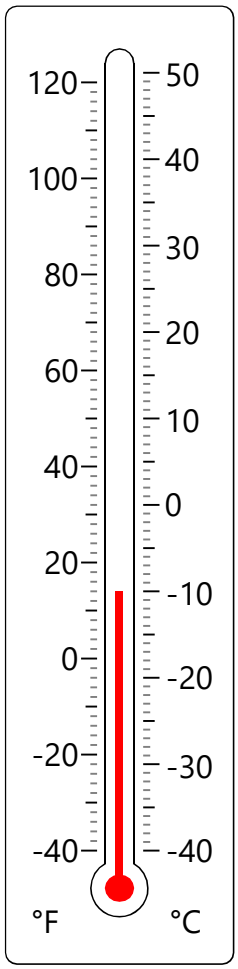
Identify the temperature for each thermometer.

1)



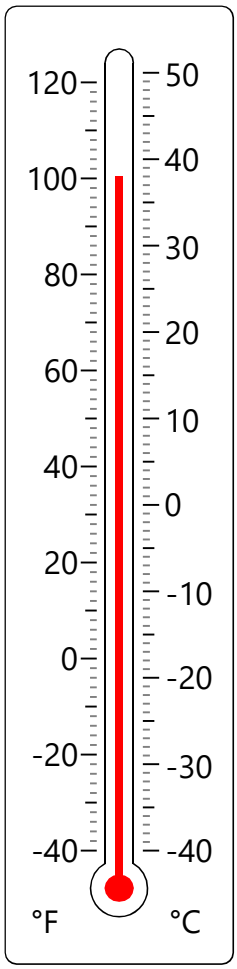
48 °C

2)



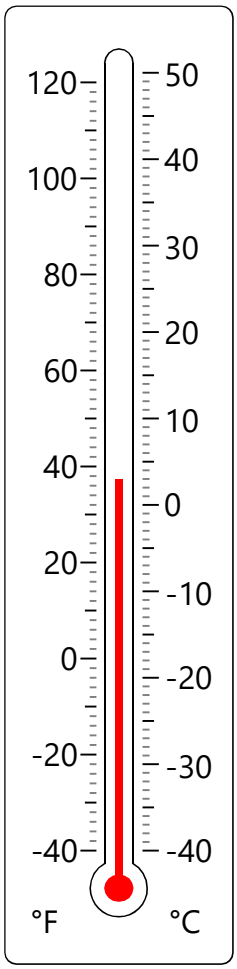
-10 °C

3)



38 °C

4)



3 °C

Temperature Conversion

Convert the given temperatures.

1) 42 °F = 5.556 °C
2) 22 °C = 71.6 °F
3) 1 °C = 33.8 °F
4) 46 °C = 114.8 °F
5) 113 °F = 45 °C
6) 8 °F = -13.333 °C
7) 7 °F = -13.889 °C
8) 1 °C = 33.8 °F
9) 80 °F = 26.667 °C
10) 39 °C = 102.2 °F
11) 32 °C = 89.6 °F
12) 15 °C = 59 °F

Name:_____ Class:_____ Date:____/____/_____

Exponents

Convert the values.

1) 6^2 = 36
2) 94^2 = 8,836
3) 29^2 = 841
4) 4^2 = 16
5) 16^3 = 4,096
6) 2^3 = 8
7) 66^2 = 4,356
8) 7^3 = 343
9) 77^3 = 456,533
10) 73^2 = 5,329
11) 9^3 = 729
12) 92^3 = 778,688
13) 71^2 = 5,041
14) 4^3 = 64
15) 47^3 = 103,823
16) 74^3 = 405,224
17) 7^2 = 49
18) 42^2 = 1,764
19) 18^3 = 5,832
20) 69^2 = 4,761
21) 5^2 = 25
22) 41^2 = 1,681
23) 88^3 = 681,472
24) 91^3 = 753,571
25) 14^2 = 196
26) 5^3 = 125
27) 8^2 = 64
28) 56^3 = 175,616
29) 6^3 = 216
30) 33^3 = 35,937
31) 39^2 = 1,521
32) 53^2 = 2,809
33) 9^2 = 81
34) 3^2 = 9
35) 81^2 = 6,561
36) 55^3 = 166,375
37) 30^3 = 27,000
38) 8^3 = 512
39) 45^2 = 2,025
40) 3^3 = 27
41) 74^2 = 5,476
42) 91^2 = 8,281
43) 37^2 = 1,369
44) 73^3 = 389,017
45) 83^2 = 6,889
46) 37^3 = 50,653
47) 13^2 = 169
48) 25^2 = 625
49) 89^2 = 7,921
50) 58^2 = 3,364
51) 2^2 = 4
52) 10^3 = 1,000
53) 54^3 = 157,464
54) 43^2 = 1,849
55) 10^2 = 100
56) 46^2 = 2,116
57) 34^3 = 39,304
58) 35^3 = 42,875
59) 61^3 = 226,981
60) 12^2 = 144
61) 23^3 = 12,167
62) 90^3 = 729,000
63) 70^3 = 343,000
64) 80^2 = 6,400
65) 26^2 = 676
66) 50^3 = 125,000
67) 59^3 = 205,379
68) 20^3 = 8,000
69) 24^2 = 576
70) 60^3 = 216,000
71) 78^3 = 474,552
72) 59^2 = 3,481
73) 87^3 = 658,503
74) 31^2 = 961
75) 85^3 = 614,125

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 1

Solve.

1) 3, 3, 84, 67, 6, 6, 65, 6, 1
Mean = 26.778 Median = 6
Mode = 6 Range = 83

2) 31, 1, 7, 34, 40, 22, 8, 9, 6, 4
Mean = 16.2 Median = 8.5
Mode = none Range = 39

3) 91, 50, 14, 19, 97, 37, 5, 43, 3, 4
Mean = 36.3 Median = 28
Mode = none Range = 94

4) 53, 3, 8, 41, 6, 52, 1, 1, 7
Mean = 19.111 Median = 7
Mode = 1 Range = 52

5) 10, 50, 7, 34, 6, 8, 78, 2, 47
Mean = 26.889 Median = 10
Mode = none Range = 76

6) 58, 6, 48, 25, 4, 1, 7, 58, 28, 3
Mean = 23.8 Median = 16
Mode = 58 Range = 57

7) 4, 80, 90, 6, 81, 9, 7, 9, 9, 5
Mean = 30 Median = 9
Mode = 9 Range = 86

8) 36, 2, 1, 3, 22, 2, 51
Mean = 16.714 Median = 3
Mode = 2 Range = 50

9) 5, 64, 67, 1, 6, 3, 69, 9
Mean = 28 Median = 7.5
Mode = none Range = 68

10) 8, 93, 7, 63, 82, 11, 83, 86
Mean = 54.125 Median = 72.5
Mode = none Range = 86

11) 8, 8, 7, 8, 8, 7, 84, 5
Mean = 16.875 Median = 8
Mode = 8 Range = 79

12) 93, 34, 7, 71, 2, 11, 16, 4
Mean = 29.75 Median = 13.5
Mode = none Range = 91

13) 51, 83, 5, 63, 90, 72
Mean = 60.667 Median = 67.5
Mode = none Range = 85

14) 32, 90, 2, 8, 51, 5
Mean = 31.333 Median = 20
Mode = none Range = 88

15) 68, 9, 17, 41, 71, 43
Mean = 41.5 Median = 42
Mode = none Range = 62

16) 55, 4, 3, 62, 3, 2, 9, 84
Mean = 27.75 Median = 6.5
Mode = 3 Range = 82

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 2

Solve.

1) 48, 4, 4, 70, 9, 63
Mean = 33 Median = 28.5
Mode = 4 Range = 66

2) 2, 9, 4, 9, 74, 67, 81, 6, 23, 8
Mean = 28.3 Median = 9
Mode = 9 Range = 79

3) 14, 1, 5, 5, 59, 2, 1
Mean = 12.429 Median = 5
Mode = 1, 5 Range = 58

4) 19, 1, 16, 59, 34, 84, 36
Mean = 35.571 Median = 34
Mode = none Range = 83

5) 3, 1, 1, 9, 16, 90, 5, 4, 61
Mean = 21.111 Median = 5
Mode = 1 Range = 89

6) 8, 2, 5, 4, 99, 1, 4, 10
Mean = 16.625 Median = 4.5
Mode = 4 Range = 98

7) 3, 2, 51, 64, 1, 9, 52, 6, 21, 71
Mean = 28 Median = 15
Mode = none Range = 70

8) 9, 61, 16, 1, 71, 41, 17, 2, 41, 72
Mean = 33.1 Median = 29
Mode = 41 Range = 71

9) 66, 47, 4, 3, 59, 3, 33, 43, 9
Mean = 29.667 Median = 33
Mode = 3 Range = 63

10) 6, 9, 67, 1, 9, 1, 46, 9
Mean = 18.5 Median = 9
Mode = 9 Range = 66

11) 49, 4, 4, 92, 3, 4, 72, 8, 97, 31
Mean = 36.4 Median = 19.5
Mode = 4 Range = 94

12) 9, 27, 2, 5, 8, 94, 7, 5, 9
Mean = 18.444 Median = 8
Mode = 5, 9 Range = 92

13) 1, 38, 53, 9, 3, 54, 7, 12, 8, 93
Mean = 27.8 Median = 10.5
Mode = none Range = 92

14) 3, 2, 44, 4, 8, 6
Mean = 11.167 Median = 5
Mode = none Range = 42

15) 74, 84, 2, 4, 18, 13, 56
Mean = 35.857 Median = 18
Mode = none Range = 82

16) 1, 9, 6, 38, 21, 8, 3
Mean = 12.286 Median = 8
Mode = none Range = 37

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 3

Solve.

1) 9, 54, 1, 64, 7, 40, 27, 3
Mean = 25.625 Median = 18
Mode = none Range = 63

2) 98, 4, 39, 49, 60, 32, 4, 54
Mean = 42.5 Median = 44
Mode = 4 Range = 94

3) 94, 1, 32, 68, 90, 77, 9, 7, 3
Mean = 42.333 Median = 32
Mode = none Range = 93

4) 15, 1, 7, 18, 57, 7
Mean = 17.5 Median = 11
Mode = 7 Range = 56

5) 8, 32, 64, 12, 39, 7, 99, 3
Mean = 33 Median = 22
Mode = none Range = 96

6) 7, 9, 80, 75, 7, 65, 5, 4, 8, 1
Mean = 26.1 Median = 7.5
Mode = 7 Range = 79

7) 98, 5, 32, 29, 6, 4, 7
Mean = 25.857 Median = 7
Mode = none Range = 94

8) 21, 4, 74, 2, 8, 3, 32, 63
Mean = 25.875 Median = 14.5
Mode = none Range = 72

9) 92, 47, 2, 9, 7, 6, 55, 16, 4
Mean = 26.444 Median = 9
Mode = none Range = 90

10) 33, 8, 7, 7, 50, 6, 4, 4, 3, 85
Mean = 20.7 Median = 7
Mode = 4, 7 Range = 82

11) 7, 23, 1, 46, 6, 1, 60
Mean = 20.571 Median = 7
Mode = 1 Range = 59

12) 71, 7, 91, 7, 9, 55, 8
Mean = 35.429 Median = 9
Mode = 7 Range = 84

13) 3, 3, 5, 9, 27, 24
Mean = 11.833 Median = 7
Mode = 3 Range = 24

14) 6, 3, 4, 76, 63, 4, 94, 6, 7, 81
Mean = 34.4 Median = 6.5
Mode = 4, 6 Range = 91

15) 75, 3, 2, 44, 7, 1
Mean = 22 Median = 5
Mode = none Range = 74

16) 6, 82, 21, 21, 71, 7
Mean = 34.667 Median = 21
Mode = 21 Range = 76

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 4

Solve.

1) 1, 36, 5, 80, 74, 47, 96
Mean = 48.429 Median = 47
Mode = none Range = 95

2) 9, 39, 9, 2, 9, 6, 2, 55
Mean = 16.375 Median = 9
Mode = 9 Range = 53

3) 91, 40, 2, 5, 9, 4, 5
Mean = 22.286 Median = 5
Mode = 5 Range = 89

4) 4, 5, 8, 53, 3, 9, 77
Mean = 22.714 Median = 8
Mode = none Range = 74

5) 5, 4, 15, 69, 26, 83, 19, 3, 19
Mean = 27 Median = 19
Mode = 19 Range = 80

6) 77, 83, 5, 1, 56, 4, 3, 7
Mean = 29.5 Median = 6
Mode = none Range = 82

7) 8, 77, 4, 43, 19, 35, 4
Mean = 27.143 Median = 19
Mode = 4 Range = 73

8) 2, 2, 1, 37, 8, 8
Mean = 9.667 Median = 5
Mode = 2, 8 Range = 36

9) 2, 5, 5, 8, 28, 99, 33, 5, 3, 81
Mean = 26.9 Median = 6.5
Mode = 5 Range = 97

10) 59, 3, 89, 4, 14, 75, 6, 5, 1
Mean = 28.444 Median = 6
Mode = none Range = 88

11) 30, 48, 32, 54, 98, 3, 9, 5, 5, 8
Mean = 29.2 Median = 19.5
Mode = 5 Range = 95

12) 31, 13, 7, 94, 10, 53, 3, 5
Mean = 27 Median = 11.5
Mode = none Range = 91

13) 36, 82, 42, 1, 5, 7, 87, 79, 4, 7
Mean = 35 Median = 21.5
Mode = 7 Range = 86

14) 86, 9, 61, 59, 5, 76, 61
Mean = 51 Median = 61
Mode = 61 Range = 81

15) 84, 41, 3, 51, 59, 76, 7, 2
Mean = 40.375 Median = 46
Mode = none Range = 82

16) 9, 54, 15, 88, 3, 7
Mean = 29.333 Median = 12
Mode = none Range = 85

Name:_____ Class:_____ Date:____/____/_____

Mean Median Mode Range 5

Solve.

1) 8, 37, 1, 7, 1, 2, 34, 8
Mean = 12.25 Median = 7.5
Mode = 1, 8 Range = 36

2) 9, 2, 8, 1, 26, 61
Mean = 17.833 Median = 8.5
Mode = none Range = 60

3) 82, 8, 22, 9, 4, 35, 83, 1, 70
Mean = 34.889 Median = 22
Mode = none Range = 82

4) 58, 20, 16, 3, 21, 5, 9, 6
Mean = 17.25 Median = 12.5
Mode = none Range = 55

5) 35, 59, 7, 33, 10, 9, 31, 39, 3
Mean = 25.111 Median = 31
Mode = none Range = 56

6) 31, 80, 2, 59, 3, 60
Mean = 39.167 Median = 45
Mode = none Range = 78

7) 74, 8, 8, 1, 9, 67, 5
Mean = 24.571 Median = 8
Mode = 8 Range = 73

8) 13, 52, 1, 2, 1, 10
Mean = 13.167 Median = 6
Mode = 1 Range = 51

9) 57, 83, 5, 28, 6, 83
Mean = 43.667 Median = 42.5
Mode = 83 Range = 78

10) 1, 37, 61, 12, 7, 7, 94
Mean = 31.286 Median = 12
Mode = 7 Range = 93

11) 5, 7, 9, 11, 84, 5, 31
Mean = 21.714 Median = 9
Mode = 5 Range = 79

12) 21, 1, 7, 3, 8, 8, 95, 30
Mean = 21.625 Median = 8
Mode = 8 Range = 94

13) 1, 41, 3, 35, 9, 28, 2, 47, 34
Mean = 22.222 Median = 28
Mode = none Range = 46

14) 3, 4, 29, 75, 7, 55, 9, 6
Mean = 23.5 Median = 8
Mode = none Range = 72

15) 35, 39, 66, 2, 18, 13
Mean = 28.833 Median = 26.5
Mode = none Range = 64

16) 9, 84, 32, 34, 64, 6, 75, 15, 82
Mean = 44.556 Median = 34
Mode = none Range = 78

Name:_____ Class:_____ Date:____/____/_____

Roman Numerals

Convert the values.

1) CDLX = 460
2) LXXI = 71
3) IX = 9
4) MCLIII = 1153
5) 1623 = MDCXXIII
6) 5 = V
7) 1711 = MDCCXI
8) 554 = DLIV
9) 732 = DCCXXXII
10) 292 = CCXCII
11) 4 = IV
12) 95 = XCV
13) 89 = LXXXIX
14) 78 = LXXVIII
15) 8 = VIII
16) XXXVII = 37
17) CDLXXV = 475
18) MCDXCVII = 1497
19) XLVI = 46
20) MDXLI = 1541
21) 3 = III
22) MCCCXVI = 1316
23) 88 = LXXXVIII
24) XLI = 41
25) MCCCVI = 1306
26) 235 = CCXXXV
27) CXIX = 119
28) CCC = 300
29) 23 = XXIII
30) 32 = XXXII
31) 66 = LXVI
32) 65 = LXV
33) 2 = II
34) VI = 6
35) 1950 = MCML
36) 348 = CCCXLVIII
37) 1860 = MDCCCLX
38) XVII = 17
39) 81 = LXXXI
40) 54 = LIV
41) 1753 = MDCCLIII
42) 1060 = MLX
43) 1821 = MDCCCXXI
44) CCLXXXII = 282
45) XIX = 19
46) LXXXIII = 83
47) LXXII = 72
48) LI = 51
49) 62 = LXII
50) MXXXVIII = 1038
51) MCXCII = 1192
52) MDCXII = 1612
53) LX = 60
54) 1977 = MCMLXXVII

Name:_____ Class:_____ Date:____/____/_____

Roots

Calculate the root of each value. 3 decimal places.

1) $\sqrt[3]{6}$ = 1.817
2) $\sqrt[3]{47}$ = 3.609
3) $\sqrt{403}$ = 20.075
4) $\sqrt[3]{806}$ = 9.306
5) $\sqrt[3]{3}$ = 1.442
6) $\sqrt{2}$ = 1.414
7) $\sqrt[3]{62}$ = 3.958
8) $\sqrt[3]{5}$ = 1.710
9) $\sqrt{42}$ = 6.481
10) $\sqrt[3]{924}$ = 9.740
11) $\sqrt{44}$ = 6.633
12) $\sqrt[3]{12}$ = 2.289
13) $\sqrt{3}$ = 1.732
14) $\sqrt[3]{19}$ = 2.668
15) $\sqrt{538}$ = 23.195
16) $\sqrt{657}$ = 25.632
17) $\sqrt[3]{54}$ = 3.780
18) $\sqrt[3]{8}$ = 2
19) $\sqrt{978}$ = 31.273
20) $\sqrt{93}$ = 9.644
21) $\sqrt{9}$ = 3
22) $\sqrt[3]{750}$ = 9.086
23) $\sqrt{8}$ = 2.828
24) $\sqrt{747}$ = 27.331
25) $\sqrt[3]{15}$ = 2.466
26) $\sqrt{875}$ = 29.580
27) $\sqrt[3]{292}$ = 6.634
28) $\sqrt[3]{68}$ = 4.082
29) $\sqrt{84}$ = 9.165
30) $\sqrt[3]{853}$ = 9.484
31) $\sqrt[3]{10}$ = 2.154
32) $\sqrt[3]{34}$ = 3.240
33) $\sqrt{94}$ = 9.695
34) $\sqrt[3]{81}$ = 4.327
35) $\sqrt{21}$ = 4.583
36) $\sqrt[3]{489}$ = 7.878
37) $\sqrt{1}$ = 1
38) $\sqrt{6}$ = 2.449
39) $\sqrt{299}$ = 17.292
40) $\sqrt{12}$ = 3.464
41) $\sqrt[3]{630}$ = 8.573
42) $\sqrt{876}$ = 29.597
43) $\sqrt[3]{154}$ = 5.360
44) $\sqrt[3]{37}$ = 3.332
45) $\sqrt[3]{588}$ = 8.378
46) $\sqrt[3]{593}$ = 8.401
47) $\sqrt{418}$ = 20.445
48) $\sqrt{928}$ = 30.463
49) $\sqrt[3]{83}$ = 4.362
50) $\sqrt[3]{753}$ = 9.098
51) $\sqrt[3]{851}$ = 9.476
52) $\sqrt{61}$ = 7.810
53) $\sqrt{5}$ = 2.236
54) $\sqrt{92}$ = 9.592
55) $\sqrt{917}$ = 30.282
56) $\sqrt[3]{4}$ = 1.587
57) $\sqrt{663}$ = 25.749
58) $\sqrt[3]{842}$ = 9.443
59) $\sqrt{28}$ = 5.292
60) $\sqrt{40}$ = 6.325
61) $\sqrt{57}$ = 7.550
62) $\sqrt[3]{648}$ = 8.653
63) $\sqrt[3]{965}$ = 9.882
64) $\sqrt{99}$ = 9.950
65) $\sqrt[3]{2}$ = 1.260
66) $\sqrt[3]{17}$ = 2.571
67) $\sqrt{70}$ = 8.367
68) $\sqrt{78}$ = 8.832
69) $\sqrt[3]{88}$ = 4.448
70) $\sqrt[3]{50}$ = 3.684
71) $\sqrt[3]{216}$ = 6
72) $\sqrt{482}$ = 21.954

Name:_____ Class:_____ Date:____/____/_____

Scientific Notation 1

Provide the number for each scientific notation value.

1) 1×10^4 = 10,000
2) 4.9×10^1 = 49
3) 5×10^4 = 50,000
4) 4.1×10^1 = 41
5) 5.1×10^2 = 510
6) 5.2×10^5 = 520,000
7) 7×10^5 = 700,000
8) 1.7×10^1 = 17
9) 7.6×10^4 = 76,000
10) 6.6×10^2 = 660
11) 5.2×10^2 = 520
12) 6.9×10^1 = 69
13) 9.7×10^4 = 97,000
14) 5.9×10^1 = 59
15) 1.8×10^4 = 18,000
16) 9×10^4 = 90,000
17) 9.8×10^2 = 980
18) 2.6×10^3 = 2,600
19) 5.2×10^1 = 52
20) 5.177×10^6 = 5,177,000
21) 4.4×10^2 = 440
22) 8.1×10^3 = 8,100
23) 2.5×10^2 = 250
24) 3.1×10^1 = 31
25) 6.5×10^6 = 6,500,000
26) 9.8×10^1 = 98
27) 1.7×10^2 = 170
28) 8.2×10^2 = 820
29) 9.7×10^3 = 9,700
30) 6.18×10^5 = 618,000
31) 8.9×10^4 = 89,000
32) 3×10^1 = 30
33) 4.7×10^3 = 4,700
34) 2.232×10^6 = 2,232,000
35) 8.9×10^3 = 8,900
36) 9.13×10^6 = 9,130,000

Name:_____ Class:_____ Date:____/____/_____

Scientific Notation 2

Provide the scientific notation for each value.

1) 1,800,000 = 1.8×10^{6}
2) 270 = 2.7×10^{2}
3) 89,000 = 8.9×10^{4}
4) 37,000 = 3.7×10^{4}
5) 51 = 5.1×10^{1}
6) 2,500,000 = 2.5×10^{6}
7) 709,000 = 7.09×10^{5}
8) 26 = 2.6×10^{1}
9) 9,930,000 = 9.93×10^{6}
10) 910,000 = 9.1×10^{5}
11) 810 = 8.1×10^{2}
12) 67 = 6.7×10^{1}
13) 8,400,000 = 8.4×10^{6}
14) 770 = 7.7×10^{2}
15) 45,000 = 4.5×10^{4}
16) 30 = 3×10^{1}
17) 5,425,000 = 5.425×10^{6}
18) 340,000 = 3.4×10^{5}
19) 7,772,000 = 7.772×10^{6}
20) 3,800 = 3.8×10^{3}
21) 45 = 4.5×10^{1}
22) 9,757,000 = 9.757×10^{6}
23) 1,650,000 = 1.65×10^{6}
24) 410 = 4.1×10^{2}
25) 63 = 6.3×10^{1}
26) 80 = 8×10^{1}
27) 8,800 = 8.8×10^{3}
28) 5,000 = 5×10^{3}
29) 2,100 = 2.1×10^{3}
30) 5,660,000 = 5.66×10^{6}
31) 711,000 = 7.11×10^{5}
32) 46,000 = 4.6×10^{4}
33) 200 = 2×10^{2}
34) 910 = 9.1×10^{2}
35) 5,700 = 5.7×10^{3}
36) 860 = 8.6×10^{2}

Name:_____ Class:_____ Date:____/____/_____

Scientific Notation 3

Convert between scientific notation and numbers.

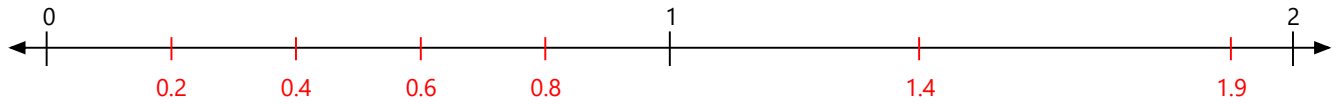
1) 3.1×10^{1} = 31
2) 3.6×10^{3} = 3,600
3) 7.6×10^{4} = 76,000
4) 5.841×10^{6} = 5,841,000
5) 1.4×10^{6} = 1,400,000
6) 461,000 = 4.61×10^{5}
7) 54 = 5.4×10^{1}
8) 807,000 = 8.07×10^{5}
9) 25,000 = 2.5×10^{4}
10) 1.053×10^{6} = 1,053,000
11) 2.2×10^{4} = 22,000
12) 8×10^{5} = 800,000
13) 4.52×10^{6} = 4,520,000
14) 9,880,000 = 9.88×10^{6}
15) 40 = 4×10^{1}
16) 3.3×10^{3} = 3,300
17) 5.9×10^{6} = 5,900,000
18) 3.2×10^{2} = 320
19) 3.77×10^{6} = 3,770,000
20) 9,100,000 = 9.1×10^{6}
21) 6×10^{1} = 60
22) 4.4×10^{1} = 44
23) 2.7×10^{4} = 27,000
24) 8.5×10^{2} = 850
25) 270 = 2.7×10^{2}
26) 7.7×10^{4} = 77,000
27) 2×10^{1} = 20
28) 22 = 2.2×10^{1}
29) 4.27×10^{5} = 427,000
30) 7.87×10^{6} = 7,870,000
31) 200,000 = 2×10^{5}
32) 830 = 8.3×10^{2}
33) 1,291,000 = 1.291×10^{6}
34) 63,000 = 6.3×10^{4}
35) 9.5×10^{1} = 95
36) 4,950,000 = 4.95×10^{6}

Name:_____ Class:_____ Date:____/____/_____

Number Lines - Decimals

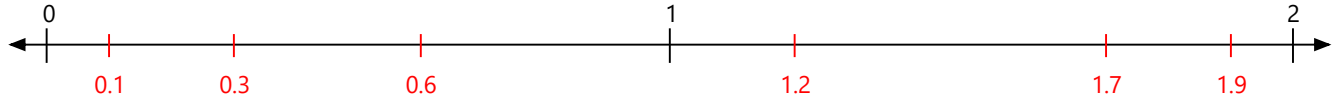
Identify where each set of points should be placed on the number lines below.

1) 0.4 1.9 0.6 1.4 0.8 0.2

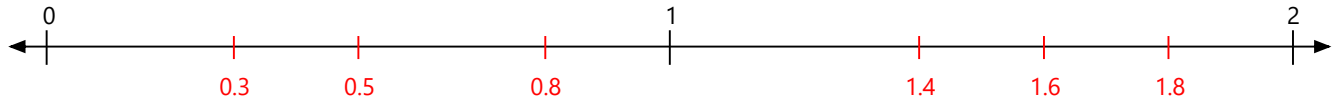


2) 1.4 1.1 0.5 0.7 1.9 0.2

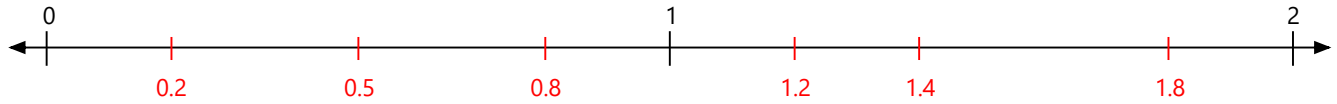
3) 0.6 1.2 0.1 1.7 0.3 1.9



4) 1.8 0.5 1.6 1.4 0.3 0.8

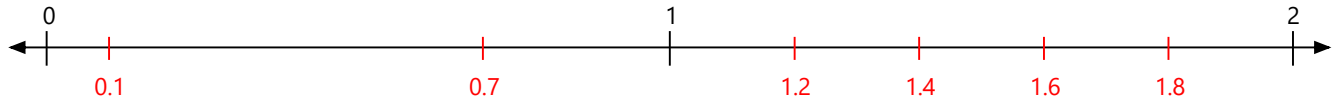


5) 1.4 0.8 0.2 0.5 1.8 1.2

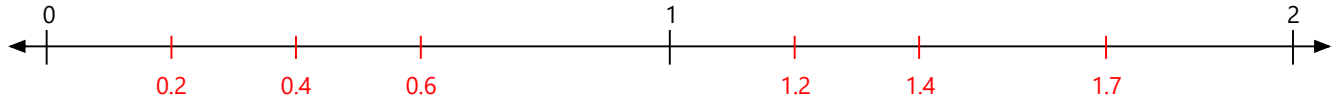


6) 1.7 1.3 1.9 1.5 1.1 0.3

7) 0.1 1.6 0.7 1.2 1.8 1.4



8) 1.7 1.4 0.2 1.2 0.4 0.6

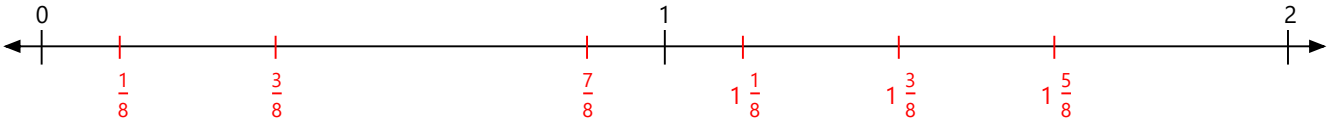


Name:_____ Class:_____ Date:____/____/_____

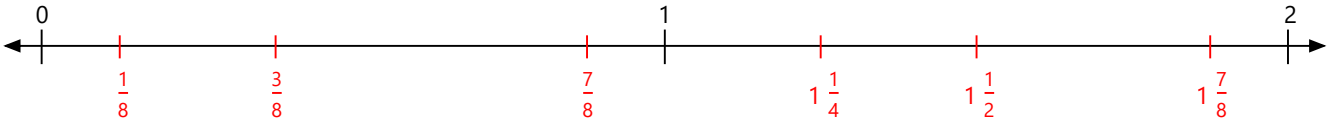
Number Lines - Fractions

Identify where each set of points should be placed on the number lines below.

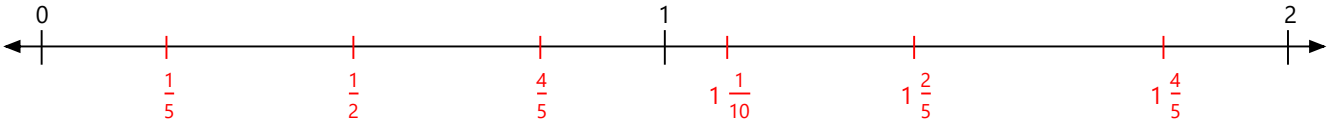
1) $1\frac{1}{8}$ $\frac{7}{8}$ $1\frac{3}{8}$ $\frac{1}{8}$ $1\frac{5}{8}$ $\frac{3}{8}$



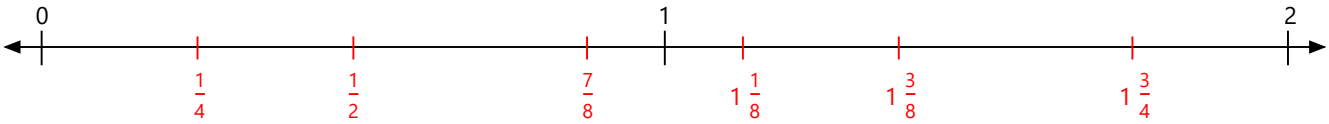
2) $1\frac{1}{2}$ $\frac{3}{8}$ $\frac{1}{8}$ $\frac{7}{8}$ $1\frac{1}{4}$ $1\frac{7}{8}$



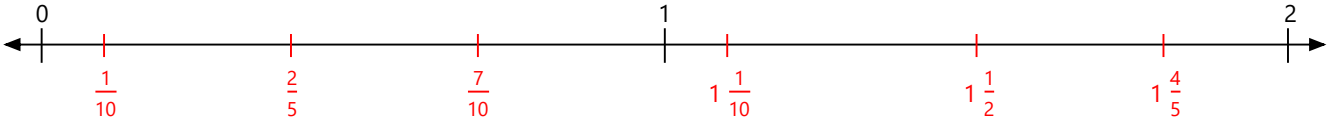
3) $\frac{1}{5}$ $\frac{1}{2}$ $\frac{4}{5}$ $1\frac{4}{5}$ $1\frac{1}{10}$ $1\frac{2}{5}$



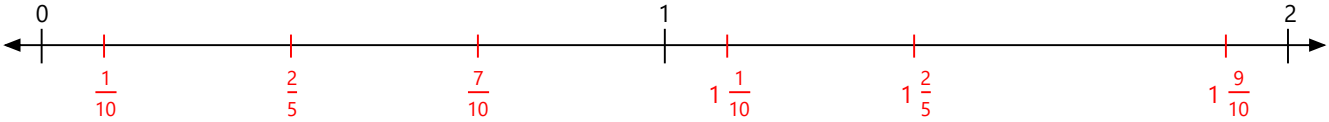
4) $1\frac{1}{8}$ $\frac{1}{4}$ $\frac{1}{2}$ $\frac{7}{8}$ $1\frac{3}{8}$ $1\frac{3}{4}$



5) $1\frac{1}{10}$ $1\frac{4}{5}$ $1\frac{1}{2}$ $\frac{1}{10}$ $\frac{2}{5}$ $\frac{7}{10}$



6) $\frac{7}{10}$ $\frac{2}{5}$ $\frac{1}{10}$ $1\frac{1}{10}$ $1\frac{2}{5}$ $1\frac{9}{10}$

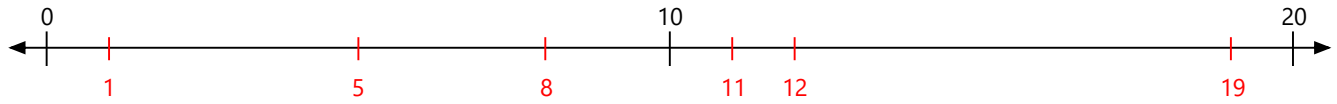


Name:_____ Class:_____ Date:____/____/_____

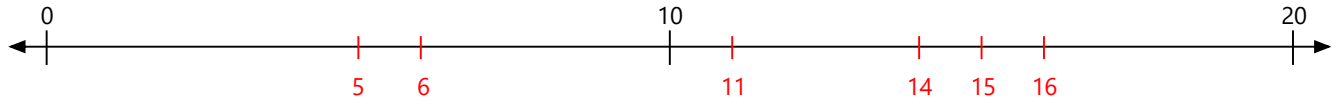
Number Lines - Integers

Identify where each set of points should be placed on the number lines below.

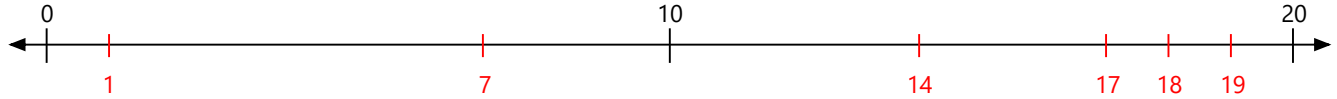
1) 11, 1, 5, 8, 12, 19



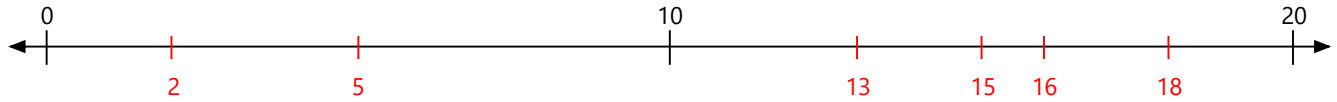
2) 5, 11, 15, 16, 6, 14



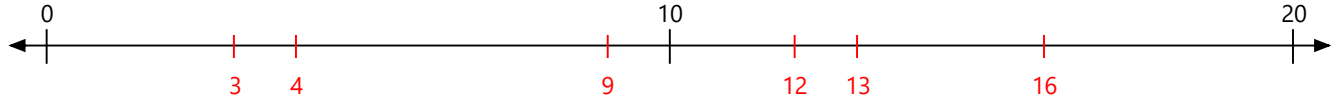
3) 19, 18, 17, 14, 1, 7



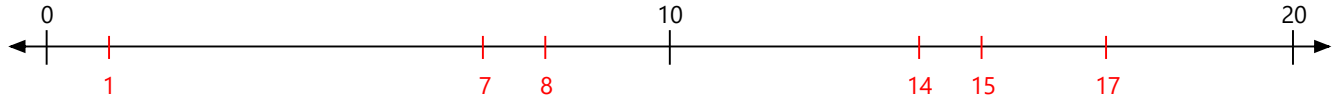
4) 5, 13, 15, 2, 16, 18



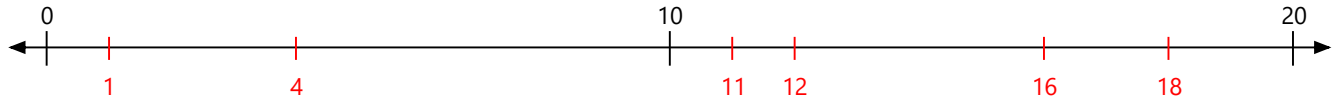
5) 12, 16, 9, 3, 13, 4



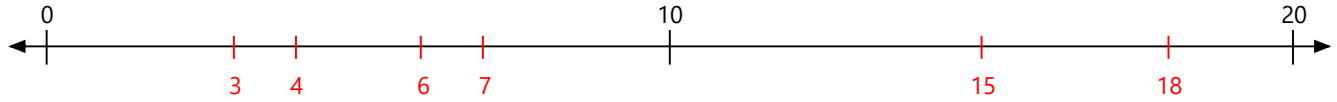
6) 1, 15, 17, 8, 7, 14



7) 11, 16, 1, 18, 4, 12



8) 15, 4, 3, 6, 18, 7



Name:_____ Class:_____ Date:____/____/_____

Associative Property

Use the associative property to fill the missing values.

1) (8 + 11) + 9 = (9 + 11) + 8

2) (9 × 7) × 2 = (2 × 7) × 9

3) (5 + 4) + 3 = 4 + (3 + 5)

4) 6 × (10 × 8) = (8 × 6) × 10

5) 10 + (5 + 7) = (7 + 10) + 5

6) 12 + (5 + 7) = (5 + 12) + 7

7) (12 + 6) + 7 = (6 + 7) + 12

8) 5 + (11 + 3) = 3 + (5 + 11)

9) 3 × (4 × 7) = 4 × (7 × 3)

10) 4 × (3 × 5) = 3 × (5 × 4)

11) 11 × (3 × 4) = 3 × (11 × 4)

12) (11 + 7) + 6 = (7 + 6) + 11

13) (8 + 9) + 5 = 9 + (8 + 5)

14) 5 × (4 × 12) = (12 × 4) × 5

15) (2 × 3) × 6 = 2 × (6 × 3)

16) 5 + (11 + 12) = (5 + 12) + 11

17) 8 × (7 × 4) = 7 × (4 × 8)

18) 7 + (8 + 6) = (8 + 6) + 7

19) (8 + 11) + 2 = 2 + (11 + 8)

20) (9 + 10) + 5 = 9 + (5 + 10)

21) 7 + (11 + 6) = (6 + 7) + 11

22) (10 + 3) + 7 = (3 + 7) + 10

23) 7 + (12 + 11) = (11 + 7) + 12

24) 4 × (3 × 11) = 11 × (3 × 4)

25) 9 × (3 × 4) = 3 × (9 × 4)

26) 3 + (12 + 5) = (5 + 3) + 12

27) (5 + 11) + 8 = (11 + 8) + 5

28) 10 + (5 + 3) = (5 + 10) + 3

29) (10 + 9) + 8 = 8 + (9 + 10)

30) (7 × 2) × 9 = 2 × (7 × 9)

31) (4 × 7) × 5 = (4 × 5) × 7

32) (12 + 11) + 10 = 10 + (11 + 12)

33) (11 × 3) × 6 = 3 × (11 × 6)

34) 5 + (7 + 10) = 7 + (5 + 10)

35) (11 × 8) × 2 = (11 × 2) × 8

36) 4 + (9 + 10) = (10 + 9) + 4

37) (11 + 6) + 4 = (6 + 11) + 4

38) (6 × 4) × 7 = 4 × (6 × 7)

Name:_____ Class:_____ Date:____/____/_____

Before After Between

Fill in the missing numbers.

1) 67 68 69
2) 28 29 30
3) 7 8 9
4) 83 84 85
5) 99 100 101
6) 9 10 11
7) 21 22 23
8) 12 13 14
9) 7 8 9
10) 4 5 6
11) 6 7 8
12) 72 73 74
13) 1 2 3
14) 87 88 89
15) 93 94 95
16) 17 18 19
17) 55 56 57
18) 20 21 22
19) 97 98 99
20) 57 58 59
21) 5 6 7
22) 85 86 87
23) 92 93 94
24) 1 2 3
25) 60 61 62
26) 44 45 46
27) 94 95 96
28) 78 79 80
29) 10 11 12
30) 3 4 5
31) 8 9 10
32) 88 89 90
33) 59 60 61
34) 30 31 32
35) 41 42 43
36) 5 6 7
37) 90 91 92
38) 90 91 92
39) 14 15 16
40) 4 5 6
41) 61 62 63
42) 15 16 17
43) 8 9 10
44) 3 4 5
45) 2 3 4
46) 68 69 70
47) 93 94 95
48) 2 3 4
49) 86 87 88
50) 94 95 96
51) 6 7 8
52) 87 88 89
53) 84 85 86
54) 88 89 90
55) 95 96 97
56) 73 74 75
57) 35 36 37
58) 46 47 48
59) 61 62 63
60) 75 76 77
61) 17 18 19
62) 49 50 51
63) 9 10 11
64) 16 17 18
65) 10 11 12
66) 89 90 91
67) 71 72 73
68) 62 63 64
69) 96 97 98
70) 74 75 76
71) 31 32 33
72) 56 57 58
73) 50 51 52
74) 81 82 83
75) 48 49 50
76) 28 29 30

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 1

Circle the smallest number in each group.

1) 468
450
406

2) 723
469
729
308

3) 752
541
106
926
450

4) 763
137
906
751

5) 688
214
758
570

6) 184
953
933

7) 342
931
365
984
440

8) 603
152
891
365
104
977

9) 996
950
465
689
919

10) 221
407
577
691

11) 872
956
488
683
726
910

12) 327
877
142

13) 435
335
161
676
273

14) 449
736
822
101
954

15) 371
222
762
838
890

16) 131
956
285
815

17) 875
943
289

18) 464
232
717
158
476
899

19) 436
833
852
594
212

20) 935
559
238
263
533

21) 397
287
687

22) 761
103
599
507
795
543

23) 513
508
426
898
707

24) 235
673
232
551
495
654

25) 534
208
873
922
894

26) 281
275
859
356

27) 129
965
481

28) 620
258
885
737
979
311

29) 970
218
880

30) 232
252
613
770
495

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 2

Circle the biggest number in each group.

1) 875
315
595

2) 398
485
337
368
649
575

3) 348
177
104
601

4) 517
298
206

5) 646
762
118
934

6) 210
868
347
860
494

7) 869
984
221

8) 765
299
120
864
939

9) 306
880
924
494
738
907

10) 233
491
180
945
667

11) 415
544
311
510

12) 292
894
173

13) 728
746
947
908

14) 292
701
852

15) 741
726
117
515

16) 895
852
405

17) 828
375
247
280

18) 880
816
190

19) 469
582
838

20) 645
570
614
259

21) 952
862
372
320

22) 830
931
456
458

23) 216
848
258
964

24) 805
240
924

25) 846
866
288
637
942

26) 728
504
467
599
361

27) 749
661
847

28) 279
752
441
306
644
849

29) 397
980
357
319
214
639

30) 373
393
631

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 3

Circle the smallest and biggest number in each group.

1) 209
127
492

2) 880
545
244
801

3) 180
686
148

4) 157
992
319
315
225
371

5) 917
151
554
394

6) 704
514
662
816

7) 794
569
848
474
661

8) 634
566
418
791

9) 137
255
562
281

10) 561
286
477
845

11) 181
716
561
738
633
908

12) 731
494
464
220

13) 277
793
637

14) 905
321
608
984

15) 921
643
373
950
352

16) 334
219
849

17) 472
940
704
175

18) 915
645
421

19) 959
579
779

20) 611
553
276
657
191
878

21) 381
452
633
980
473
423

22) 940
290
135

23) 238
181
520
196

24) 541
615
298

25) 684
326
455
801
165
571

26) 801
693
475

27) 762
781
963
768
861

28) 824
233
155

29) 225
216
187

30) 197
107
432
545

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 4

Circle the odd numbers in each group.

1) 711, 662, 614, 313, 637, 463

2) 239, 488, 896

3) 302, 618, 716, 125, 194

4) 799, 143, 660, 616

5) 380, 581, 215

6) 802, 693, 895, 537, 254, 960

7) 835, 992, 475, 911, 179, 805

8) 689, 957, 842, 893, 357, 551

9) 724, 831, 418, 758

10) 645, 672, 223

11) 356, 238, 267, 561, 248

12) 667, 140, 164, 815, 906

13) 619, 155, 138, 965, 313

14) 158, 248, 907, 115

15) 203, 887, 139, 902, 874, 120

16) 771, 352, 516, 637, 719

17) 213, 621, 205

18) 116, 182, 791

19) 460, 755, 248, 538

20) 389, 698, 431, 546, 390, 661

21) 879, 358, 367, 562

22) 237, 685, 147

23) 748, 825, 919

24) 358, 714, 243

25) 713, 421, 943, 303, 437, 274

26) 463, 925, 747

27) 611, 427, 301, 842

28) 920, 959, 485, 901, 380, 712

29) 696, 952, 217

30) 643, 422, 324

Name:_____ Class:_____ Date:____/____/_____

Circle the Numbers 5

Circle the even numbers in each group.

1) 237
534
296

2) 994
596
490
942
710

3) 599
583
463
270
221

4) 932
967
297
164
487

5) 731
208
399
560
950
542

6) 681
674
444
430
668
110

7) 795
406
589
888

8) 228
495
729

9) 453
797
467
816

10) 171
231
777

11) 425
934
660

12) 448
194
135
207
545

13) 924
921
923
182
749

14) 222
270
659
591

15) 860
273
368
991
868

16) 609
118
811
723
725

17) 863
525
864

18) 147
886
209
190
495

19) 401
478
112
598
514
866

20) 725
135
317
338

21) 195
117
511
509
918
695

22) 165
295
106
759

23) 459
496
908

24) 285
400
875
767
829
126

25) 951
218
235
368

26) 596
478
267

27) 158
543
866
684
895

28) 232
640
345
157

29) 653
411
217

30) 335
631
889
833
767
312

Name:_____ Class:_____ Date:____/____/_____

Commutative Property

Use the commutative property to fill the missing values.

1) 71 + 49 = 49 + 71
2) 8 + 70 = 70 + 8
3) 18 × 56 = 56 × 18
4) 23 + 3 = 3 + 23
5) 64 + 55 = 55 + 64
6) 66 + 80 = 80 + 66
7) 83 + 94 = 94 + 83
8) 53 + 35 = 35 + 53
9) 25 + 53 = 53 + 25
10) 49 + 72 = 72 + 49
11) 79 + 21 = 21 + 79
12) 50 + 78 = 78 + 50
13) 54 + 27 = 27 + 54
14) 28 + 66 = 66 + 28
15) 47 × 43 = 43 × 47
16) 46 × 36 = 36 × 46
17) 14 + 43 = 43 + 14
18) 4 + 36 = 36 + 4
19) 7 + 96 = 96 + 7
20) 97 + 42 = 42 + 97
21) 98 + 83 = 83 + 98
22) 40 + 84 = 84 + 40
23) 46 + 51 = 51 + 46
24) 2 + 14 = 14 + 2
25) 37 × 39 = 39 × 37
26) 66 × 96 = 96 × 66
27) 55 × 75 = 75 × 55
28) 52 + 97 = 97 + 52
29) 29 × 18 = 18 × 29
30) 90 + 30 = 30 + 90
31) 56 + 55 = 55 + 56
32) 23 × 12 = 12 × 23
33) 32 × 68 = 68 × 32
34) 42 + 92 = 92 + 42
35) 19 × 30 = 30 × 19
36) 28 × 55 = 55 × 28
37) 9 + 72 = 72 + 9
38) 95 + 81 = 81 + 95
39) 65 + 35 = 35 + 65
40) 5 × 27 = 27 × 5
41) 16 × 31 = 31 × 16
42) 10 + 76 = 76 + 10
43) 78 × 39 = 39 × 78
44) 58 + 66 = 66 + 58
45) 51 × 38 = 38 × 51
46) 77 × 81 = 81 × 77
47) 9 × 14 = 14 × 9
48) 44 + 30 = 30 + 44
49) 19 × 74 = 74 × 19
50) 16 + 82 = 82 + 16
51) 59 + 21 = 21 + 59
52) 21 + 10 = 10 + 21
53) 41 + 14 = 14 + 41
54) 89 + 81 = 81 + 89
55) 79 × 70 = 70 × 79
56) 34 + 93 = 93 + 34
57) 15 + 65 = 65 + 15

Name:_____ Class:_____ Date:____/____/_____

Comparing Numbers

Compare the numbers. Add: > or < or =

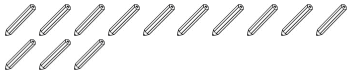
1) 6,347 __>__ 800
2) 85 __>__ 1
3) 5,651 __>__ 978
4) 591 __<__ 3,194
5) 190 __<__ 531
6) 2,921 __>__ 6
7) 636 __>__ 1
8) 5 __<__ 6,765
9) 5,883 __>__ 39
10) 31 __<__ 788
11) 4,108 __>__ 20
12) 2,464 __<__ 7,735
13) 33 __<__ 97
14) 636 __>__ 76
15) 94 __>__ 8
16) 147 __>__ 5
17) 939 __>__ 9
18) 51 __<__ 5,040
19) 97 __<__ 583
20) 9,867 __>__ 5,959
21) 526 __<__ 864
22) 9 __>__ 3
23) 5 __<__ 5,688
24) 8 __=__ 8
25) 84 __<__ 871
26) 9 __<__ 11
27) 84 __<__ 582
28) 7 __<__ 5,513
29) 5 __>__ 2
30) 23 __<__ 72
31) 8,026 __>__ 765
32) 335 __>__ 52
33) 7,610 __>__ 1
34) 97 __>__ 79
35) 6,152 __>__ 42
36) 64 __>__ 53
37) 402 __>__ 69
38) 107 __>__ 27
39) 835 __>__ 3
40) 7 __<__ 29
41) 229 __<__ 353
42) 797 __>__ 2
43) 4 __<__ 8
44) 9,580 __>__ 27
45) 31 __>__ 3
46) 6,458 __<__ 8,287
47) 10 __<__ 694
48) 2,498 __>__ 335
49) 2 __<__ 2,450
50) 1,022 __<__ 9,202
51) 34 __<__ 396
52) 5,474 __>__ 60
53) 88 __<__ 9,587
54) 207 __>__ 95
55) 91 __<__ 6,082
56) 8,937 __>__ 658
57) 3 __<__ 54
58) 22 __<__ 6,146
59) 4,844 __<__ 8,667
60) 998 __>__ 1
61) 65 __<__ 146
62) 8,584 __<__ 9,768
63) 4 __<__ 955
64) 7 __<__ 984
65) 8,116 __>__ 28
66) 379 __<__ 587
67) 8 __<__ 9,639
68) 1,721 __<__ 2,961
69) 2 __<__ 271
70) 69 __<__ 3,832
71) 40 __<__ 97
72) 11 __<__ 320
73) 9,666 __>__ 8
74) 115 __>__ 14
75) 1,331 __>__ 1,003
76) 8,327 __>__ 9

Name:_____ Class:_____ Date:____/____/_____

Count How Many

Count how many.

1) = 10

2)  = 13

3) = 2

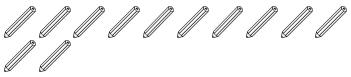
4) = 6

5) = 11

6) = 14

7) = 5

8) = 18

9)  = 12

10) = 15

11) = 19

12) = 7

13) = 20

14) = 9

15) = 3

16) = 8

17) = 4

18) = 17

19) = 16

20) = 17

21) = 5

22) = 3

23) = 5

24) = 17

25) = 7

26) = 7

27) = 2

28) = 11

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 1

Fill in the missing numbers.

1)

60	55	50	45	40	35	30	25	20	15

2)

80	75	70	65	60	55	50	45	40	35

3)

55	50	45	40	35	30	25	20	15	10

4)

15	20	25	30	35	40	45	50	55	60

5)

40	45	50	55	60	65	70	75	80	85

6)

20	25	30	35	40	45	50	55	60	65

7)

50	45	40	35	30	25	20	15	10	5

8)

75	70	65	60	55	50	45	40	35	30

9)

30	35	40	45	50	55	60	65	70	75

10)

25	30	35	40	45	50	55	60	65	70

11)

85	80	75	70	65	60	55	50	45	40

12)

65	60	55	50	45	40	35	30	25	20

13)

5	10	15	20	25	30	35	40	45	50

14)

45	50	55	60	65	70	75	80	85	90

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 2

Fill in the missing numbers.

1)

80	76	72	68	64	60	56	52	48	44

2)

40	44	48	52	56	60	64	68	72	76

3)

96	92	88	84	80	76	72	68	64	60

4)

56	52	48	44	40	36	32	28	24	20

5)

68	64	60	56	52	48	44	40	36	32

6)

60	56	52	48	44	40	36	32	28	24

7)

92	88	84	80	76	72	68	64	60	56

8)

52	56	60	64	68	72	76	80	84	88

9)

76	72	68	64	60	56	52	48	44	40

10)

12	16	20	24	28	32	36	40	44	48

11)

36	40	44	48	52	56	60	64	68	72

12)

20	24	28	32	36	40	44	48	52	56

13)

48	52	56	60	64	68	72	76	80	84

14)

8	12	16	20	24	28	32	36	40	44

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 3

Fill in the missing numbers.

1)

51	48	45	42	39	36	33	30	27	24

2)

30	33	36	39	42	45	48	51	54	57

3)

90	87	84	81	78	75	72	69	66	63

4)

93	90	87	84	81	78	75	72	69	66

5)

39	42	45	48	51	54	57	60	63	66

6)

84	81	78	75	72	69	66	63	60	57

7)

60	57	54	51	48	45	42	39	36	33

8)

18	21	24	27	30	33	36	39	42	45

9)

54	51	48	45	42	39	36	33	30	27

10)

3	6	9	12	15	18	21	24	27	30

11)

6	9	12	15	18	21	24	27	30	33

12)

78	75	72	69	66	63	60	57	54	51

13)

24	27	30	33	36	39	42	45	48	51

14)

87	84	81	78	75	72	69	66	63	60

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 4

Fill in the missing numbers.

1)

60	54	48	42	36	30	24	18	12	6

2)

90	84	78	72	66	60	54	48	42	36

3)

78	72	66	60	54	48	42	36	30	24

4)

18	24	30	36	42	48	54	60	66	72

5)

6	12	18	24	30	36	42	48	54	60

6)

42	48	54	60	66	72	78	84	90	96

7)

54	48	42	36	30	24	18	12	6	0

8)

84	78	72	66	60	54	48	42	36	30

9)

66	60	54	48	42	36	30	24	18	12

10)

48	54	60	66	72	78	84	90	96	102

11)

24	30	36	42	48	54	60	66	72	78

12)

12	18	24	30	36	42	48	54	60	66

13)

96	90	84	78	72	66	60	54	48	42

14)

36	42	48	54	60	66	72	78	84	90

Name:_____ Class:_____ Date:____/____/_____

Counting Up and Down 5

Fill in the missing numbers.

1)

56	49	42	35	28	21	14	7	0	-7

2)

21	28	35	42	49	56	63	70	77	84

3)

49	42	35	28	21	14	7	0	-7	-14

4)

14	21	28	35	42	49	56	63	70	77

5)

63	56	49	42	35	28	21	14	7	0

6)

77	70	63	56	49	42	35	28	21	14

7)

42	49	56	63	70	77	84	91	98	105

8)

7	14	21	28	35	42	49	56	63	70

9)

28	35	42	49	56	63	70	77	84	91

10)

70	63	56	49	42	35	28	21	14	7

11)

98	91	84	77	70	63	56	49	42	35

12)

91	84	77	70	63	56	49	42	35	28

13)

35	42	49	56	63	70	77	84	91	98

14)

84	77	70	63	56	49	42	35	28	21

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 1

Complete the counting tables.

1) Count by 9 from 7 to 88

7	16	25	34	43	52	61	70	79	88

2) Count by 4 from 9 to 45

9	13	17	21	25	29	33	37	41	45

3) Count by 5 from 4 to 49

4	9	14	19	24	29	34	39	44	49

4) Count by 1 from 4 to 13

4	5	6	7	8	9	10	11	12	13

5) Count by 8 from 4 to 76

4	12	20	28	36	44	52	60	68	76

6) Count by 9 from 5 to 86

5	14	23	32	41	50	59	68	77	86

7) Count by 2 from 1 to 19

1	3	5	7	9	11	13	15	17	19

8) Count by 7 from 9 to 72

9	16	23	30	37	44	51	58	65	72

9) Count by 5 from 9 to 54

9	14	19	24	29	34	39	44	49	54

10) Count by 7 from 6 to 69

6	13	20	27	34	41	48	55	62	69

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 2

Complete the counting tables.

1) Count by 3 from 2 to 29

2	5	8	11	14	17	20	23	26	29

2) Count by 8 from 3 to 75

3	11	19	27	35	43	51	59	67	75

3) Count by 7 from 4 to 67

4	11	18	25	32	39	46	53	60	67

4) Count by 2 from 9 to 27

9	11	13	15	17	19	21	23	25	27

5) Count by 8 from 8 to 80

8	16	24	32	40	48	56	64	72	80

6) Count by 3 from 8 to 35

8	11	14	17	20	23	26	29	32	35

7) Count by 6 from 7 to 61

7	13	19	25	31	37	43	49	55	61

8) Count by 5 from 7 to 52

7	12	17	22	27	32	37	42	47	52

9) Count by 4 from 4 to 40

4	8	12	16	20	24	28	32	36	40

10) Count by 1 from 4 to 13

4	5	6	7	8	9	10	11	12	13

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 3

Complete the counting tables.

1) Count by 1 from 8 to 17

8	9	10	11	12	13	14	15	16	17

2) Count by 3 from 3 to 30

3	6	9	12	15	18	21	24	27	30

3) Count by 8 from 7 to 79

7	15	23	31	39	47	55	63	71	79

4) Count by 5 from 9 to 54

9	14	19	24	29	34	39	44	49	54

5) Count by 5 from 6 to 51

6	11	16	21	26	31	36	41	46	51

6) Count by 2 from 8 to 26

8	10	12	14	16	18	20	22	24	26

7) Count by 9 from 3 to 84

3	12	21	30	39	48	57	66	75	84

8) Count by 4 from 3 to 39

3	7	11	15	19	23	27	31	35	39

9) Count by 2 from 2 to 20

2	4	6	8	10	12	14	16	18	20

10) Count by 7 from 6 to 69

6	13	20	27	34	41	48	55	62	69

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 4

Complete the counting tables.

1) Count by 2 from 2 to -16

2	0	-2	-4	-6	-8	-10	-12	-14	-16

2) Count by 6 from 9 to -45

9	3	-3	-9	-15	-21	-27	-33	-39	-45

3) Count by 9 from 4 to -77

4	-5	-14	-23	-32	-41	-50	-59	-68	-77

4) Count by 6 from 1 to -53

1	-5	-11	-17	-23	-29	-35	-41	-47	-53

5) Count by 5 from 1 to -44

1	-4	-9	-14	-19	-24	-29	-34	-39	-44

6) Count by 8 from 4 to -68

4	-4	-12	-20	-28	-36	-44	-52	-60	-68

7) Count by 6 from 4 to -50

4	-2	-8	-14	-20	-26	-32	-38	-44	-50

8) Count by 8 from 5 to -67

5	-3	-11	-19	-27	-35	-43	-51	-59	-67

9) Count by 5 from 9 to -36

9	4	-1	-6	-11	-16	-21	-26	-31	-36

10) Count by 9 from 3 to -78

3	-6	-15	-24	-33	-42	-51	-60	-69	-78

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 5

Complete the counting tables.

1) Count by 5 from 2 to -43

2	-3	-8	-13	-18	-23	-28	-33	-38	-43

2) Count by 7 from 5 to -58

5	-2	-9	-16	-23	-30	-37	-44	-51	-58

3) Count by 8 from 3 to -69

3	-5	-13	-21	-29	-37	-45	-53	-61	-69

4) Count by 3 from 2 to -25

2	-1	-4	-7	-10	-13	-16	-19	-22	-25

5) Count by 6 from 2 to -52

2	-4	-10	-16	-22	-28	-34	-40	-46	-52

6) Count by 6 from 4 to -50

4	-2	-8	-14	-20	-26	-32	-38	-44	-50

7) Count by 2 from 9 to -9

9	7	5	3	1	-1	-3	-5	-7	-9

8) Count by 3 from 4 to -23

4	1	-2	-5	-8	-11	-14	-17	-20	-23

9) Count by 2 from 7 to -11

7	5	3	1	-1	-3	-5	-7	-9	-11

10) Count by 8 from 1 to -71

1	-7	-15	-23	-31	-39	-47	-55	-63	-71

Name:_____ Class:_____ Date:____/____/_____

Counting Patterns 6

Complete the counting tables.

1) Count by 3 from 5 to -22

5	2	-1	-4	-7	-10	-13	-16	-19	-22

2) Count by 1 from 2 to -7

2	1	0	-1	-2	-3	-4	-5	-6	-7

3) Count by 9 from 5 to -76

5	-4	-13	-22	-31	-40	-49	-58	-67	-76

4) Count by 7 from 1 to -62

1	-6	-13	-20	-27	-34	-41	-48	-55	-62

5) Count by 4 from 6 to -30

6	2	-2	-6	-10	-14	-18	-22	-26	-30

6) Count by 7 from 7 to -56

7	0	-7	-14	-21	-28	-35	-42	-49	-56

7) Count by 7 from 9 to -54

9	2	-5	-12	-19	-26	-33	-40	-47	-54

8) Count by 6 from 4 to -50

4	-2	-8	-14	-20	-26	-32	-38	-44	-50

9) Count by 3 from 6 to -21

6	3	0	-3	-6	-9	-12	-15	-18	-21

10) Count by 3 from 7 to -20

7	4	1	-2	-5	-8	-11	-14	-17	-20

Name:_____ Class:_____ Date:____/____/_____

Distributive Property

Use the distributive property to fill the missing values.

1) 8 × (6 + 10) = 8 × 6 + 8 × 10

2) 11 × (5 + 6) = 11 × 5 + 11 × 6

3) 3 × (9 + 7) = 3 × 9 + 3 × 7

4) 6 × (10 + 9) = 6 × 10 + 6 × 9

5) 2 × (4 + 11) = 2 × 4 + 2 × 11

6) (3 + 7) × 2 = 2 × 3 + 2 × 7

7) (6 + 2) × 8 = 8 × 6 + 8 × 2

8) (11 + 8) × 12 = 12 × 11 + 12 × 8

9) (6 + 4) × 7 = 7 × 6 + 7 × 4

10) (7 + 8) × 3 = 3 × 7 + 3 × 8

11) 5 × (2 + 8) = 5 × 2 + 5 × 8

12) 11 × (3 + 8) = 11 × 3 + 11 × 8

13) 5 × (8 + 10) = 5 × 8 + 5 × 10

14) (9 + 5) × 8 = 8 × 9 + 8 × 5

15) 10 × (7 + 2) = 10 × 7 + 10 × 2

16) 7 × (9 + 5) = 7 × 9 + 7 × 5

17) (9 + 11) × 2 = 2 × 9 + 2 × 11

18) (12 + 6) × 7 = 7 × 12 + 7 × 6

19) 2 × (9 + 10) = 2 × 9 + 2 × 10

20) 9 × (7 + 10) = 9 × 7 + 9 × 10

21) (6 + 8) × 4 = 4 × 6 + 4 × 8

22) (10 + 7) × 5 = 5 × 10 + 5 × 7

23) 10 × (11 + 6) = 10 × 11 + 10 × 6

24) 9 × (2 + 5) = 9 × 2 + 9 × 5

25) 8 × (3 + 9) = 8 × 3 + 8 × 9

26) 7 × (10 + 11) = 7 × 10 + 7 × 11

27) (7 + 2) × 5 = 5 × 7 + 5 × 2

28) (4 + 8) × 7 = 7 × 4 + 7 × 8

29) (10 + 3) × 8 = 8 × 10 + 8 × 3

30) (4 + 7) × 2 = 2 × 4 + 2 × 7

31) 8 × (6 + 2) = 8 × 6 + 8 × 2

32) 6 × (11 + 10) = 6 × 11 + 6 × 10

33) 5 × (10 + 4) = 5 × 10 + 5 × 4

34) (4 + 11) × 9 = 9 × 4 + 9 × 11

35) (3 + 2) × 9 = 9 × 3 + 9 × 2

36) 12 × (9 + 5) = 12 × 9 + 12 × 5

37) 5 × (11 + 3) = 5 × 11 + 5 × 3

38) 6 × (10 + 8) = 6 × 10 + 6 × 8

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 1

Write each value in words.

1) 659 six hundred fifty-nine

2) 2,583 two thousand five hundred eighty-three

3) 6,128 six thousand one hundred twenty-eight

4) 9,573 nine thousand five hundred seventy-three

5) 2,168 two thousand one hundred sixty-eight

6) 724 seven hundred twenty-four

7) 1,664 one thousand six hundred sixty-four

8) 8,389 eight thousand three hundred eighty-nine

9) 8,681 eight thousand six hundred eighty-one

10) 7,849 seven thousand eight hundred forty-nine

11) 2,267 two thousand two hundred sixty-seven

12) 8,735 eight thousand seven hundred thirty-five

13) 5,234 five thousand two hundred thirty-four

14) 268 two hundred sixty-eight

15) 814 eight hundred fourteen

16) 495 four hundred ninety-five

17) 5,046 five thousand forty-six

18) 1,467 one thousand four hundred sixty-seven

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 2

Provide the standard notation for each value.

1) 2,601 two thousand six hundred one

2) 4,905 four thousand nine hundred five

3) 2,649 two thousand six hundred forty-nine

4) 6,230 six thousand two hundred thirty

5) 6,233 six thousand two hundred thirty-three

6) 3,029 three thousand twenty-nine

7) 9,351 nine thousand three hundred fifty-one

8) 999 nine hundred ninety-nine

9) 6,536 six thousand five hundred thirty-six

10) 5,012 five thousand twelve

11) 8,751 eight thousand seven hundred fifty-one

12) 96 ninety-six

13) 5,421 five thousand four hundred twenty-one

14) 5,049 five thousand forty-nine

15) 7,268 seven thousand two hundred sixty-eight

16) 8,806 eight thousand eight hundred six

17) 6,631 six thousand six hundred thirty-one

18) 7,799 seven thousand seven hundred ninety-nine

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 3

Provide the expanded notation for each value.

1) 3,839 3,000 + 800 + 30 + 9

2) 7,372 7,000 + 300 + 70 + 2

3) 1,342 1,000 + 300 + 40 + 2

4) 2,719 2,000 + 700 + 10 + 9

5) 6,993 6,000 + 900 + 90 + 3

6) 2,779 2,000 + 700 + 70 + 9

7) 5,290 5,000 + 200 + 90

8) 211 200 + 10 + 1

9) 3,849 3,000 + 800 + 40 + 9

10) 162 100 + 60 + 2

11) 6,423 6,000 + 400 + 20 + 3

12) 1,275 1,000 + 200 + 70 + 5

13) 5,757 5,000 + 700 + 50 + 7

14) 7,485 7,000 + 400 + 80 + 5

15) 6,601 6,000 + 600 + 1

16) 287 200 + 80 + 7

17) 1,679 1,000 + 600 + 70 + 9

18) 4,802 4,000 + 800 + 2

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 4

Provide the standard notation for each value.

1) 9,525 9,000 + 500 + 20 + 5

2) 4,428 4,000 + 400 + 20 + 8

3) 6,350 6,000 + 300 + 50

4) 3,109 3,000 + 100 + 9

5) 231 200 + 30 + 1

6) 1,179 1,000 + 100 + 70 + 9

7) 4,186 4,000 + 100 + 80 + 6

8) 6,651 6,000 + 600 + 50 + 1

9) 9,637 9,000 + 600 + 30 + 7

10) 8,595 8,000 + 500 + 90 + 5

11) 2,438 2,000 + 400 + 30 + 8

12) 7,217 7,000 + 200 + 10 + 7

13) 1,477 1,000 + 400 + 70 + 7

14) 6,427 6,000 + 400 + 20 + 7

15) 3,636 3,000 + 600 + 30 + 6

16) 3,014 3,000 + 10 + 4

17) 6,655 6,000 + 600 + 50 + 5

18) 7,672 7,000 + 600 + 70 + 2

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 5

Provide the expanded notation for each value.

1) 135 $1 \times 100 + 3 \times 10 + 5 \times 1$

2) 9,881 $9 \times 1000 + 8 \times 100 + 8 \times 10 + 1 \times 1$

3) 7,911 $7 \times 1000 + 9 \times 100 + 1 \times 10 + 1 \times 1$

4) 9,869 $9 \times 1000 + 8 \times 100 + 6 \times 10 + 9 \times 1$

5) 950 $9 \times 100 + 5 \times 10$

6) 6,032 $6 \times 1000 + 3 \times 10 + 2 \times 1$

7) 9,179 $9 \times 1000 + 1 \times 100 + 7 \times 10 + 9 \times 1$

8) 9,199 $9 \times 1000 + 1 \times 100 + 9 \times 10 + 9 \times 1$

9) 4,575 $4 \times 1000 + 5 \times 100 + 7 \times 10 + 5 \times 1$

10) 5,271 $5 \times 1000 + 2 \times 100 + 7 \times 10 + 1 \times 1$

11) 9,254 $9 \times 1000 + 2 \times 100 + 5 \times 10 + 4 \times 1$

12) 1,276 $1 \times 1000 + 2 \times 100 + 7 \times 10 + 6 \times 1$

13) 3,494 $3 \times 1000 + 4 \times 100 + 9 \times 10 + 4 \times 1$

14) 5,144 $5 \times 1000 + 1 \times 100 + 4 \times 10 + 4 \times 1$

15) 3,380 $3 \times 1000 + 3 \times 100 + 8 \times 10$

16) 2,477 $2 \times 1000 + 4 \times 100 + 7 \times 10 + 7 \times 1$

17) 9,281 $9 \times 1000 + 2 \times 100 + 8 \times 10 + 1 \times 1$

18) 2,213 $2 \times 1000 + 2 \times 100 + 1 \times 10 + 3 \times 1$

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 6

Provide the standard notation for each value.

1) 1,460 $1 \times 1000 + 4 \times 100 + 6 \times 10$

2) 740 $7 \times 100 + 4 \times 10$

3) 7,151 $7 \times 1000 + 1 \times 100 + 5 \times 10 + 1 \times 1$

4) 173 $1 \times 100 + 7 \times 10 + 3 \times 1$

5) 8,532 $8 \times 1000 + 5 \times 100 + 3 \times 10 + 2 \times 1$

6) 352 $3 \times 100 + 5 \times 10 + 2 \times 1$

7) 3,141 $3 \times 1000 + 1 \times 100 + 4 \times 10 + 1 \times 1$

8) 6,694 $6 \times 1000 + 6 \times 100 + 9 \times 10 + 4 \times 1$

9) 7,772 $7 \times 1000 + 7 \times 100 + 7 \times 10 + 2 \times 1$

10) 6,631 $6 \times 1000 + 6 \times 100 + 3 \times 10 + 1 \times 1$

11) 8,684 $8 \times 1000 + 6 \times 100 + 8 \times 10 + 4 \times 1$

12) 9,995 $9 \times 1000 + 9 \times 100 + 9 \times 10 + 5 \times 1$

13) 7,638 $7 \times 1000 + 6 \times 100 + 3 \times 10 + 8 \times 1$

14) 2,753 $2 \times 1000 + 7 \times 100 + 5 \times 10 + 3 \times 1$

15) 841 $8 \times 100 + 4 \times 10 + 1 \times 1$

16) 8,927 $8 \times 1000 + 9 \times 100 + 2 \times 10 + 7 \times 1$

17) 162 $1 \times 100 + 6 \times 10 + 2 \times 1$

18) 1,797 $1 \times 1000 + 7 \times 100 + 9 \times 10 + 7 \times 1$

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 7

Provide the place value notation for each value.

1) 6,890 6 thousands + 8 hundreds + 9 tens

2) 9,654 9 thousands + 6 hundreds + 5 tens + 4 ones

3) 3,488 3 thousands + 4 hundreds + 8 tens + 8 ones

4) 328 3 hundreds + 2 tens + 8 ones

5) 3,929 3 thousands + 9 hundreds + 2 tens + 9 ones

6) 1,031 1 thousand + 3 tens + 1 one

7) 6,603 6 thousands + 6 hundreds + 3 ones

8) 8,914 8 thousands + 9 hundreds + 1 ten + 4 ones

9) 7,396 7 thousands + 3 hundreds + 9 tens + 6 ones

10) 8,371 8 thousands + 3 hundreds + 7 tens + 1 one

11) 5,111 5 thousands + 1 hundred + 1 ten + 1 one

12) 7,293 7 thousands + 2 hundreds + 9 tens + 3 ones

13) 3,847 3 thousands + 8 hundreds + 4 tens + 7 ones

14) 8,999 8 thousands + 9 hundreds + 9 tens + 9 ones

15) 7,145 7 thousands + 1 hundred + 4 tens + 5 ones

16) 1,433 1 thousand + 4 hundreds + 3 tens + 3 ones

17) 1,564 1 thousand + 5 hundreds + 6 tens + 4 ones

18) 5,925 5 thousands + 9 hundreds + 2 tens + 5 ones

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 8

Provide the standard notation for each value.

1) 531 5 hundreds + 3 tens + 1 one

2) 9,961 9 thousands + 9 hundreds + 6 tens + 1 one

3) 1,359 1 thousand + 3 hundreds + 5 tens + 9 ones

4) 7,569 7 thousands + 5 hundreds + 6 tens + 9 ones

5) 6,738 6 thousands + 7 hundreds + 3 tens + 8 ones

6) 4,255 4 thousands + 2 hundreds + 5 tens + 5 ones

7) 8,259 8 thousands + 2 hundreds + 5 tens + 9 ones

8) 2,559 2 thousands + 5 hundreds + 5 tens + 9 ones

9) 525 5 hundreds + 2 tens + 5 ones

10) 4,579 4 thousands + 5 hundreds + 7 tens + 9 ones

11) 7,632 7 thousands + 6 hundreds + 3 tens + 2 ones

12) 6,510 6 thousands + 5 hundreds + 1 ten

13) 446 4 hundreds + 4 tens + 6 ones

14) 4,566 4 thousands + 5 hundreds + 6 tens + 6 ones

15) 4,992 4 thousands + 9 hundreds + 9 tens + 2 ones

16) 1,593 1 thousand + 5 hundreds + 9 tens + 3 ones

17) 5,586 5 thousands + 5 hundreds + 8 tens + 6 ones

18) 9,625 9 thousands + 6 hundreds + 2 tens + 5 ones

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 9

Provide the expanded notation for each value using powers of ten.

1) 8,724 $(8 \times 10^3) + (7 \times 10^2) + (2 \times 10^1) + (4 \times 10^0)$

2) 1,142 $(1 \times 10^3) + (1 \times 10^2) + (4 \times 10^1) + (2 \times 10^0)$

3) 6,811 $(6 \times 10^3) + (8 \times 10^2) + (1 \times 10^1) + (1 \times 10^0)$

4) 6,130 $(6 \times 10^3) + (1 \times 10^2) + (3 \times 10^1)$

5) 3,570 $(3 \times 10^3) + (5 \times 10^2) + (7 \times 10^1)$

6) 9,616 $(9 \times 10^3) + (6 \times 10^2) + (1 \times 10^1) + (6 \times 10^0)$

7) 2,955 $(2 \times 10^3) + (9 \times 10^2) + (5 \times 10^1) + (5 \times 10^0)$

8) 4,769 $(4 \times 10^3) + (7 \times 10^2) + (6 \times 10^1) + (9 \times 10^0)$

9) 1,593 $(1 \times 10^3) + (5 \times 10^2) + (9 \times 10^1) + (3 \times 10^0)$

10) 489 $(4 \times 10^2) + (8 \times 10^1) + (9 \times 10^0)$

11) 2,794 $(2 \times 10^3) + (7 \times 10^2) + (9 \times 10^1) + (4 \times 10^0)$

12) 9,684 $(9 \times 10^3) + (6 \times 10^2) + (8 \times 10^1) + (4 \times 10^0)$

13) 2,860 $(2 \times 10^3) + (8 \times 10^2) + (6 \times 10^1)$

14) 6,215 $(6 \times 10^3) + (2 \times 10^2) + (1 \times 10^1) + (5 \times 10^0)$

15) 1,199 $(1 \times 10^3) + (1 \times 10^2) + (9 \times 10^1) + (9 \times 10^0)$

16) 4,915 $(4 \times 10^3) + (9 \times 10^2) + (1 \times 10^1) + (5 \times 10^0)$

17) 8,406 $(8 \times 10^3) + (4 \times 10^2) + (6 \times 10^0)$

18) 200 (2×10^2)

Name:_____ Class:_____ Date:____/____/_____

Expanded Notation 10

Provide the standard notation for each value.

1) 448 $(4 \times 10^2) + (4 \times 10^1) + (8 \times 10^0)$

2) 9,320 $(9 \times 10^3) + (3 \times 10^2) + (2 \times 10^1)$

3) 2,926 $(2 \times 10^3) + (9 \times 10^2) + (2 \times 10^1) + (6 \times 10^0)$

4) 9,232 $(9 \times 10^3) + (2 \times 10^2) + (3 \times 10^1) + (2 \times 10^0)$

5) 2,068 $(2 \times 10^3) + (6 \times 10^1) + (8 \times 10^0)$

6) 1,380 $(1 \times 10^3) + (3 \times 10^2) + (8 \times 10^1)$

7) 516 $(5 \times 10^2) + (1 \times 10^1) + (6 \times 10^0)$

8) 2,034 $(2 \times 10^3) + (3 \times 10^1) + (4 \times 10^0)$

9) 1,292 $(1 \times 10^3) + (2 \times 10^2) + (9 \times 10^1) + (2 \times 10^0)$

10) 896 $(8 \times 10^2) + (9 \times 10^1) + (6 \times 10^0)$

11) 7,935 $(7 \times 10^3) + (9 \times 10^2) + (3 \times 10^1) + (5 \times 10^0)$

12) 555 $(5 \times 10^2) + (5 \times 10^1) + (5 \times 10^0)$

13) 2,311 $(2 \times 10^3) + (3 \times 10^2) + (1 \times 10^1) + (1 \times 10^0)$

14) 2,264 $(2 \times 10^3) + (2 \times 10^2) + (6 \times 10^1) + (4 \times 10^0)$

15) 3,423 $(3 \times 10^3) + (4 \times 10^2) + (2 \times 10^1) + (3 \times 10^0)$

16) 7,518 $(7 \times 10^3) + (5 \times 10^2) + (1 \times 10^1) + (8 \times 10^0)$

17) 2,708 $(2 \times 10^3) + (7 \times 10^2) + (8 \times 10^0)$

18) 432 $(4 \times 10^2) + (3 \times 10^1) + (2 \times 10^0)$

Name:_____ Class:_____ Date:____/____/_____

Factors

List the factors for each number.

1) 37 1, 37
2) 4 1, 2, 4
3) 5 1, 5
4) 9 1, 3, 9
5) 94 1, 2, 47, 94
6) 7 1, 7
7) 72 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72
8) 63 1, 3, 7, 9, 21, 63
9) 97 1, 97
10) 18 1, 2, 3, 6, 9, 18
11) 33 1, 3, 11, 33
12) 36 1, 2, 3, 4, 6, 9, 12, 18, 36
13) 3 1, 3
14) 28 1, 2, 4, 7, 14, 28
15) 48 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
16) 98 1, 2, 7, 14, 49, 98
17) 79 1, 79
18) 96 1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48
19) 8 1, 2, 4, 8
20) 1 1
21) 2 1, 2
22) 70 1, 2, 5, 7, 10, 14, 35, 70
23) 87 1, 3, 29, 87
24) 35 1, 5, 7, 35
25) 17 1, 17
26) 10 1, 2, 5, 10
27) 6 1, 2, 3, 6
28) 61 1, 61
29) 58 1, 2, 29, 58
30) 45 1, 3, 5, 9, 15, 45
31) 41 1, 41
32) 64 1, 2, 4, 8, 16, 32, 64
33) 30 1, 2, 3, 5, 6, 10, 15, 30
34) 16 1, 2, 4, 8, 16
35) 11 1, 11
36) 80 1, 2, 4, 5, 8, 10, 16, 20, 40, 80
37) 34 1, 2, 17, 34
38) 49 1, 7, 49
39) 55 1, 5, 11, 55
40) 14 1, 2, 7, 14
41) 71 1, 71
42) 52 1, 2, 4, 13, 26, 52
43) 31 1, 31
44) 22 1, 2, 11, 22
45) 92 1, 2, 4, 23, 46, 92
46) 13 1, 13
47) 66 1, 2, 3, 6, 11, 22, 33, 66
48) 15 1, 3, 5, 15
49) 29 1, 29
50) 27 1, 3, 9, 27
51) 39 1, 3, 13, 39
52) 56 1, 2, 4, 7, 8, 14, 28, 56
53) 51 1, 3, 17, 51
54) 76 1, 2, 4, 19, 38, 76
55) 53 1, 53
56) 54 1, 2, 3, 6, 9, 18, 27, 54
57) 57 1, 3, 19, 57

Name:_____ Class:_____ Date:____/____/_____

Greatest Common Factor

Find the greatest common factor.

1) 110 1, 2, 5 5
75 1, 3, 5

2) 77 1, 7 7
14 1, 2, 7

3) 99 1, 3, 9, 11, 33 33
66 1, 2, 3, 6, 11, 22, 33

4) 130 1, 2 2
18 1, 2

5) 36 1, 2, 3, 4, 6, 9, 12 12
12 1, 2, 3, 4, 6, 12

6) 35 1, 5, 7 7
91 1, 7

7) 11 1, 11 11
132 1, 2, 3, 4, 6, 11

8) 105 1, 3, 5, 7 7
56 1, 2, 4, 7

9) 22 1, 2, 11, 22 22
66 1, 2, 3, 6, 11, 22

10) 11 1, 11 11
99 1, 3, 9, 11

11) 88 1, 2, 4, 8, 11, 22 22
66 1, 2, 3, 6, 11, 22

12) 130 1, 2, 5, 10 10
10 1, 2, 5, 10

13) 9 1, 3 3
33 1, 3

14) 132 1, 2, 3, 4, 6 6
54 1, 2, 3, 6

15) 35 1, 5, 7 7
21 1, 3, 7

16) 84 1, 2, 3, 4 4
80 1, 2, 4

17) 44 1, 2, 4, 11 11
121 1, 11

18) 141 1, 3 3
111 1, 3

19) 48 1, 2, 3, 4, 6, 8, 12 12
12 1, 2, 3, 4, 6, 12

20) 115 1, 5 5
55 1, 5

Name:_____ Class:_____ Date:____/____/_____

Lowest Common Multiple

Find the lowest common multiple.

1) 11 11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, 132 143
13 13, 26, 39, 52, 65, 78, 91, 104, 117, 130, 143

2) 12 12, 24, 36, 48, 60, 72, 84 84
14 14, 28, 42, 56, 70, 84

3) 8 8, 16, 24 24
6 6, 12, 18, 24

4) 6 6, 12, 18, 24, 30, 36, 42, 48, 54, 60 60
20 20, 40, 60

5) 14 14, 28, 42, 56, 70, 84, 98, 112 112
16 16, 32, 48, 64, 80, 96, 112

6) 2 2, 4, 6, 8, 10, 12, 14, 16, 18 18
9 9, 18

7) 14 14, 28, 42, 56, 70, 84, 98, 112, 126 126
9 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108

8) 4 4, 8, 12, 16, 20 20
5 5, 10, 15, 20

9) 6 6, 12 12
4 4, 8, 12

10) 9 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108 144
16 16, 32, 48, 64, 80, 96, 112, 128, 144

11) 17 17, 34 34
2 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24

12) 9 9, 18, 27, 36, 45, 54, 63 63
7 7, 14, 21, 28, 35, 42, 49, 56, 63

Name:_____ Class:_____ Date:____/____/_____

Multiples

List the first 5 multiples for each number.

1) 6 6, 12, 18, 24, 30
2) 39 39, 78, 117, 156, 195
3) 3 3, 6, 9, 12, 15
4) 2 2, 4, 6, 8, 10
5) 58 58, 116, 174, 232, 290
6) 7 7, 14, 21, 28, 35
7) 75 75, 150, 225, 300, 375
8) 30 30, 60, 90, 120, 150
9) 91 91, 182, 273, 364, 455
10) 73 73, 146, 219, 292, 365
11) 79 79, 158, 237, 316, 395
12) 18 18, 36, 54, 72, 90
13) 42 42, 84, 126, 168, 210
14) 52 52, 104, 156, 208, 260
15) 5 5, 10, 15, 20, 25
16) 83 83, 166, 249, 332, 415
17) 1 1, 2, 3, 4, 5
18) 46 46, 92, 138, 184, 230
19) 78 78, 156, 234, 312, 390
20) 34 34, 68, 102, 136, 170
21) 9 9, 18, 27, 36, 45
22) 36 36, 72, 108, 144, 180
23) 29 29, 58, 87, 116, 145
24) 8 8, 16, 24, 32, 40
25) 49 49, 98, 147, 196, 245
26) 56 56, 112, 168, 224, 280
27) 89 89, 178, 267, 356, 445
28) 61 61, 122, 183, 244, 305
29) 22 22, 44, 66, 88, 110
30) 20 20, 40, 60, 80, 100
31) 4 4, 8, 12, 16, 20
32) 99 99, 198, 297, 396, 495
33) 26 26, 52, 78, 104, 130
34) 31 31, 62, 93, 124, 155
35) 67 67, 134, 201, 268, 335
36) 16 16, 32, 48, 64, 80

Name:_____ Class:_____ Date:____/____/_____

Ordering Numbers

Order the numbers.

1) 283 174
174 283
589 589
747 691
691 747

2) 418 119
710 389
389 418
871 615
615 710
119 871

3) 117 117
816 665
975 816
882 882
665 975

4) 187 187
523 380
380 465
465 523

5) 636 386
807 636
760 760
386 807

6) 626 106
481 173
173 481
106 626
661 661

7) 834 353
482 415
415 482
875 725
353 834
725 875

8) 503 203
203 485
499 499
485 503
681 681

9) 336 336
583 387
387 583
709 709

10) 349 294
446 349
742 442
610 446
294 610
442 742

11) 115 115
665 665
674 673
992 674
673 992

12) 604 151
151 153
728 604
153 728

13) 635 111
925 205
205 635
934 651
651 925
111 934

14) 315 119
458 315
531 458
119 531

15) 229 229
577 441
441 577
928 928

16) 595 299
771 349
945 595
349 771
299 945

17) 826 381
411 411
534 534
539 539
381 826

18) 503 482
854 503
778 778
482 827
827 854
896 896

19) 363 350
361 357
931 361
554 363
350 554
357 931

20) 579 579
926 718
766 766
718 926

21) 472 133
181 181
601 300
133 309
300 472
309 601

22) 879 209
209 457
557 557
457 879

23) 718 338
754 718
338 754
844 844

24) 888 148
667 667
148 888
980 980

25) 366 212
694 265
265 366
431 431
212 694
875 875

Name:_____ Class:_____ Date:____/____/_____

Place Value

Determine the place value of the underlined digit.

1) 6,93<u>8</u> = 8 ones
2) <u>5</u>5 = 5 tens
3) <u>4</u>,483 = 4 thousands
4) 99<u>1</u> = 9 tens
5) <u>9</u>4 = 9 tens
6) <u>1</u>90 = 1 hundred
7) 41<u>3</u> = 3 ones
8) 8,63<u>1</u> = 1 one
9) <u>4</u>87 = 4 hundreds
10) <u>2</u>0 = 2 tens
11) 8,5<u>9</u>4 = 9 tens
12) 6,84<u>2</u> = 2 ones
13) <u>5</u>7 = 5 tens
14) 7<u>7</u> = 7 ones
15) <u>8</u>4 = 8 tens
16) 5<u>6</u> = 6 ones
17) <u>8</u>10 = 8 hundreds
18) <u>2</u>,724 = 2 thousands
19) <u>9</u>0 = 9 tens
20) 9<u>2</u>0 = 2 tens
21) <u>5</u>10 = 5 hundreds
22) 5,98<u>0</u> = 0 ones
23) 1<u>5</u> = 5 ones
24) 1,<u>5</u>30 = 5 hundreds
25) 4<u>0</u> = 0 ones
26) 4<u>8</u> = 8 ones
27) 6,<u>1</u>78 = 1 hundred
28) 18<u>4</u> = 4 ones
29) <u>7</u>,074 = 7 thousands
30) <u>4</u>99 = 4 hundreds
31) <u>8</u>3 = 8 tens
32) 4,06<u>9</u> = 9 ones
33) <u>9</u>,195 = 9 thousands
34) 6,4<u>0</u>8 = 0 tens
35) <u>7</u>61 = 7 hundreds
36) <u>7</u>,145 = 7 thousands
37) <u>4</u>2 = 4 tens
38) 4,68<u>8</u> = 8 ones
39) <u>4</u>4 = 4 tens
40) 1<u>7</u> = 7 ones
41) 3,0<u>8</u>7 = 8 tens
42) 82<u>1</u> = 1 one
43) 7,97<u>5</u> = 5 ones
44) 7,8<u>9</u>8 = 9 tens
45) <u>7</u>3 = 7 tens
46) 5<u>2</u>6 = 2 tens
47) <u>9</u>81 = 9 hundreds
48) 6,33<u>1</u> = 1 one
49) 50<u>8</u> = 8 ones
50) 4,<u>7</u>61 = 7 hundreds
51) 2<u>8</u> = 8 ones
52) 4<u>5</u>4 = 5 tens
53) 5<u>2</u>4 = 2 tens
54) <u>5</u>12 = 5 hundreds

Name:_____ Class:_____ Date:____/____/_____

Prime Numbers

List the prime factors for each number. Is the number prime?

1) 6 = 2×3 (No)
2) 25 = 5×5 (No)
3) 5 = 5 (Yes)
4) 56 = 2×2×2×7 (No)
5) 1 = 1 (No)
6) 16 = 2×2×2×2 (No)
7) 96 = 2×2×2×2×2×3 (No)
8) 15 = 3×5 (No)
9) 95 = 5×19 (No)
10) 62 = 2×31 (No)
11) 4 = 2×2 (No)
12) 64 = 2×2×2×2×2×2 (No)
13) 46 = 2×23 (No)
14) 8 = 2×2×2 (No)
15) 76 = 2×2×19 (No)
16) 9 = 3×3 (No)
17) 7 = 7 (Yes)
18) 48 = 2×2×2×2×3 (No)
19) 47 = 47 (Yes)
20) 59 = 59 (Yes)
21) 68 = 2×2×17 (No)
22) 18 = 2×3×3 (No)
23) 87 = 3×29 (No)
24) 92 = 2×2×23 (No)
25) 73 = 73 (Yes)
26) 88 = 2×2×2×11 (No)
27) 42 = 2×3×7 (No)
28) 14 = 2×7 (No)
29) 33 = 3×11 (No)
30) 3 = 3 (Yes)
31) 50 = 2×5×5 (No)
32) 78 = 2×3×13 (No)
33) 2 = 2 (Yes)
34) 57 = 3×19 (No)
35) 43 = 43 (Yes)
36) 17 = 17 (Yes)

Name:_____ Class:_____ Date:____/____/_____

Rounding Numbers

Round to the underlined digit.

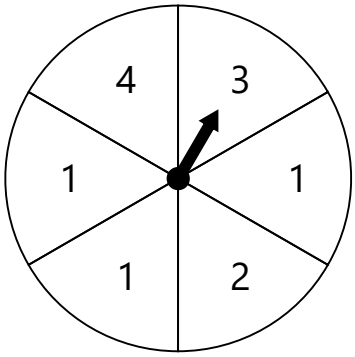
1) 3,511 = 3,500
2) 5,372 = 5,400
3) 8,324 = 8,320
4) 3,124 = 3,120
5) 5,543 = 5,540
6) 6,285 = 6,000
7) 1,122 = 1,100
8) 9,045 = 9,050
9) 9,096 = 9,100
10) 4,565 = 4,600
11) 5,578 = 5,600
12) 8,359 = 8,000
13) 2,236 = 2,200
14) 5,709 = 6,000
15) 5,685 = 6,000
16) 6,683 = 7,000
17) 6,817 = 6,800
18) 6,929 = 6,930
19) 3,231 = 3,230
20) 6,568 = 7,000
21) 4,735 = 4,700
22) 7,699 = 7,700
23) 5,396 = 5,000
24) 5,405 = 5,410
25) 8,129 = 8,100
26) 5,247 = 5,000
27) 1,440 = 1,400
28) 8,894 = 8,900
29) 5,342 = 5,300
30) 6,873 = 6,870
31) 5,950 = 6,000
32) 8,550 = 8,550
33) 2,515 = 2,500
34) 6,973 = 6,970
35) 2,166 = 2,200
36) 9,813 = 10,000
37) 3,832 = 3,830
38) 5,857 = 5,900
39) 9,297 = 9,300
40) 2,743 = 2,700
41) 8,285 = 8,000
42) 6,293 = 6,290
43) 9,892 = 9,900
44) 8,721 = 9,000
45) 2,061 = 2,000
46) 1,416 = 1,400
47) 2,898 = 3,000
48) 1,431 = 1,400
49) 4,974 = 5,000
50) 2,168 = 2,200
51) 7,580 = 8,000
52) 2,662 = 2,660
53) 2,237 = 2,200
54) 7,682 = 8,000
55) 5,811 = 5,800
56) 9,975 = 10,000
57) 1,624 = 1,600
58) 7,718 = 8,000
59) 7,413 = 7,000
60) 2,038 = 2,040
61) 9,680 = 9,700
62) 1,151 = 1,150
63) 4,754 = 4,800
64) 7,691 = 7,700
65) 9,627 = 10,000
66) 9,809 = 9,800
67) 9,720 = 9,720
68) 8,735 = 8,740
69) 4,519 = 4,520
70) 6,869 = 7,000
71) 3,985 = 4,000
72) 2,072 = 2,000

Name:_____ Class:_____ Date:____/____/_____

Probability Spinner 1

Calculate the probability of the spinner pointers landing on the specified values.

1)

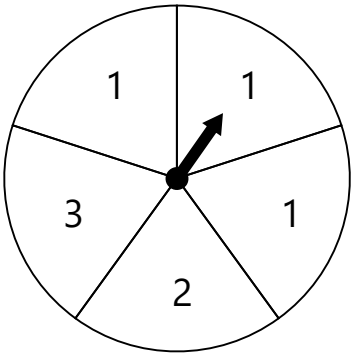


Land on 1 = 1/2

Land on 2 = 1/6

Land on odd = 2/3

2)

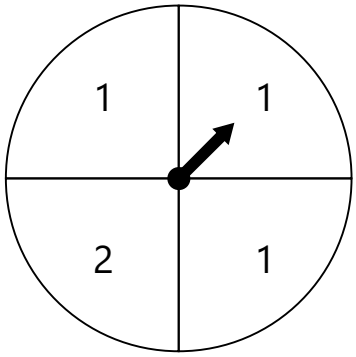


Land on 1 = 3/5

Land on 3 = 1/5

Land on odd = 4/5

3)

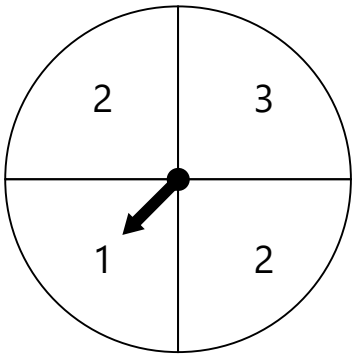


Land on 2 = 1/4

Land on 1 = 3/4

Land on odd = 3/4

4)

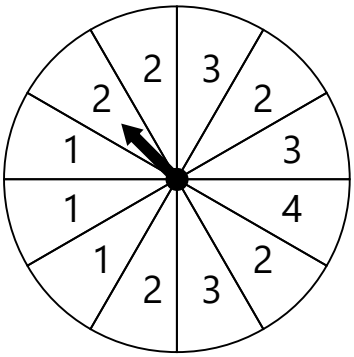


Land on 3 = 1/4

Land on 1 = 1/4

Land on odd = 1/2

5)

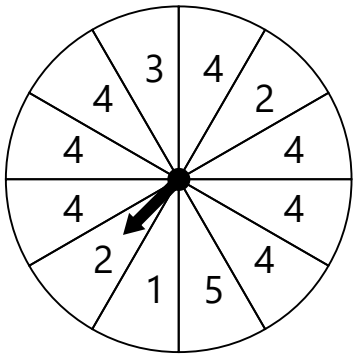


Land on 1 = 1/4

Land on 3 = 1/4

Land on even = 1/2

6)

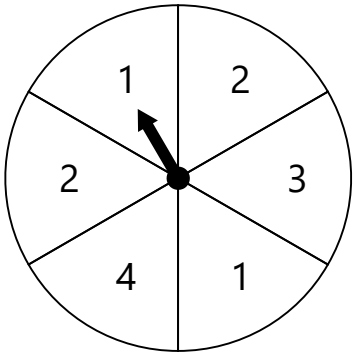


Land on 3 = 1/12

Land on 5 = 1/12

Land on odd = 1/4

7)

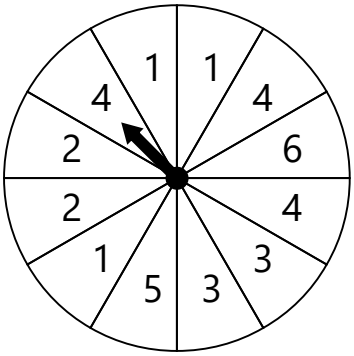


Land on 2 = 1/3

Land on 1 = 1/3

Land on even = 1/2

8)

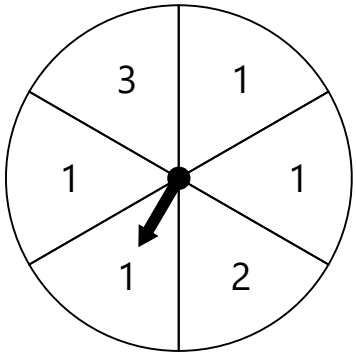


Land on 1 = 1/4

Land on 4 = 1/4

Land on even = 1/2

9)



Land on 3 = 1/6

Land on 2 = 1/6

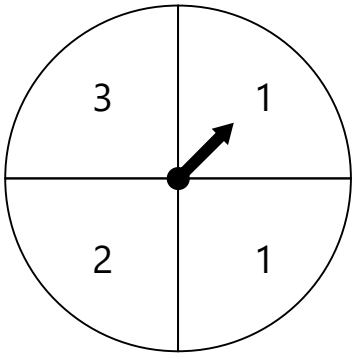
Land on even = 1/6

Name:_____ Class:_____ Date:____/____/_____

Probability Spinner 2

Calculate the probability of the spinner pointers landing on the specified values.

1)

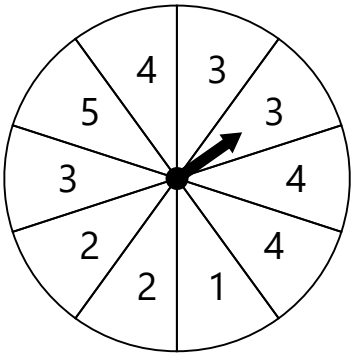


Land on 2 = 1/4

Land on 3 = 1/4

Land on odd = 3/4

2)

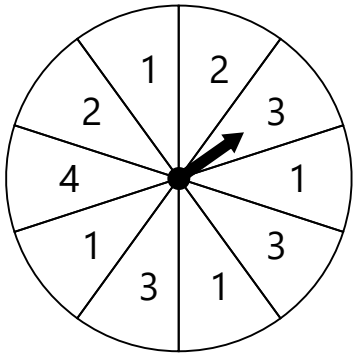


Land on 5 = 1/10

Land on 4 = 3/10

Land on even = 1/2

3)

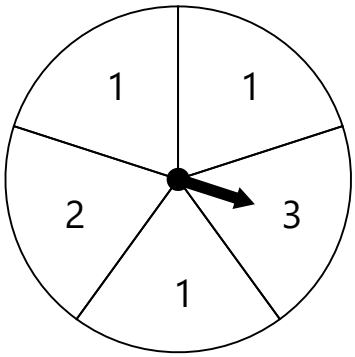


Land on 2 = 1/5

Land on 4 = 1/10

Land on even = 3/10

4)

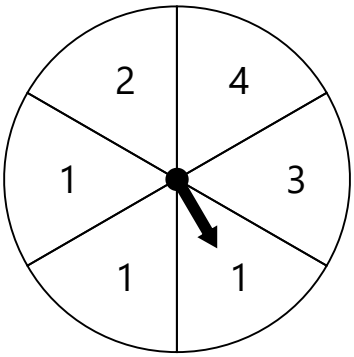


Land on 3 = 1/5

Land on 2 = 1/5

Land on even = 1/5

5)

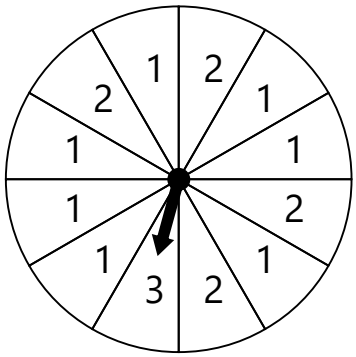


Land on 2 = 1/6

Land on 3 = 1/6

Land on odd = 2/3

6)

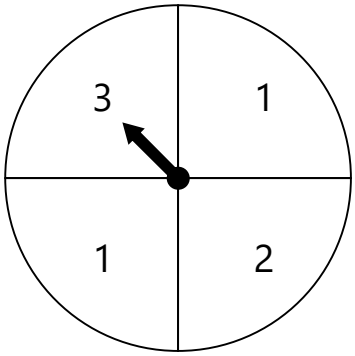


Land on 3 = 1/12

Land on 1 = 7/12

Land on odd = 2/3

7)

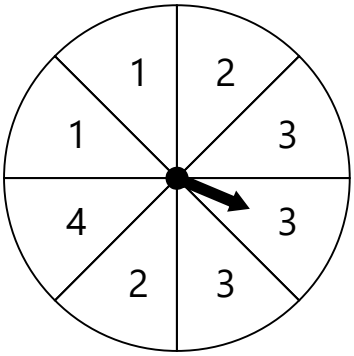


Land on 1 = 1/2

Land on 2 = 1/4

Land on odd = 3/4

8)

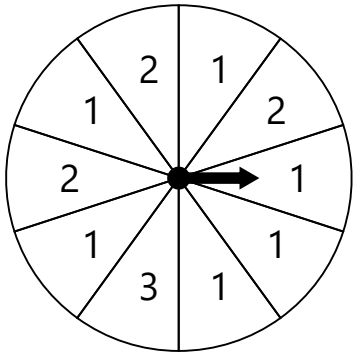


Land on 2 = 1/4

Land on 3 = 3/8

Land on even = 3/8

9)



Land on 3 = 1/10

Land on 1 = 3/5

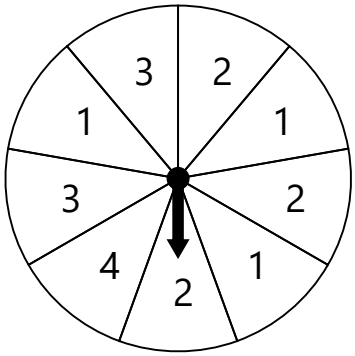
Land on even = 3/10

Name:_____ Class:_____ Date:____/____/_____

Probability Spinner 3

Calculate the probability of the spinner pointers landing on the specified values.

1)

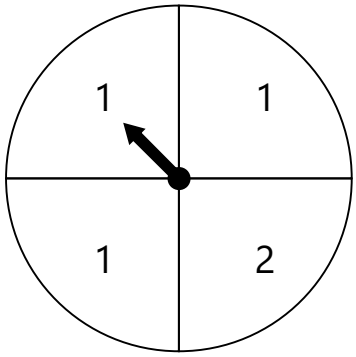


Land on 1 = 1/3

Land on 2 = 1/3

Land on odd = 5/9

2)

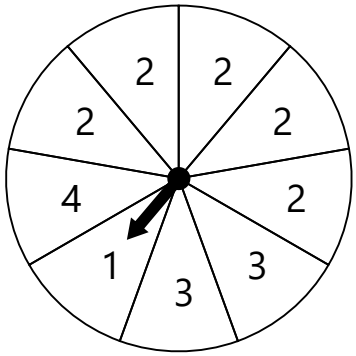


Land on 2 = 1/4

Land on 1 = 3/4

Land on even = 1/4

3)

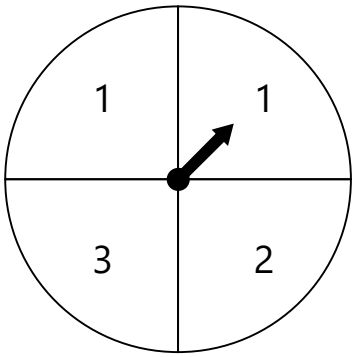


Land on 3 = 2/9

Land on 1 = 1/9

Land on even = 2/3

4)

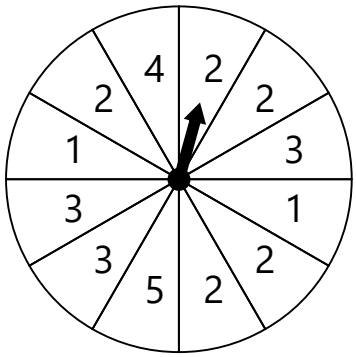


Land on 1 = 1/2

Land on 2 = 1/4

Land on odd = 3/4

5)

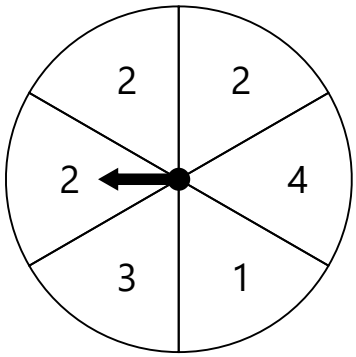


Land on 5 = 1/12

Land on 2 = 5/12

Land on even = 1/2

6)

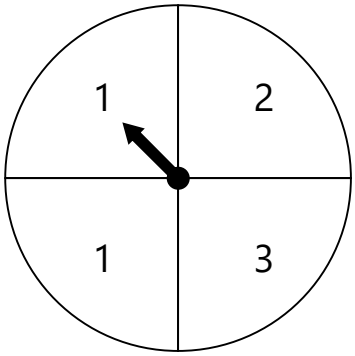


Land on 1 = 1/6

Land on 4 = 1/6

Land on even = 2/3

7)

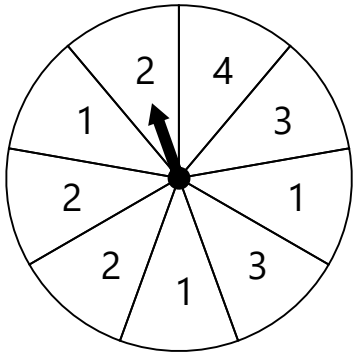


Land on 1 = 1/2

Land on 2 = 1/4

Land on odd = 3/4

8)

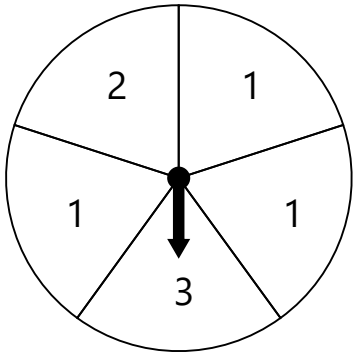


Land on 3 = 2/9

Land on 4 = 1/9

Land on odd = 5/9

9)



Land on 1 = 3/5

Land on 2 = 1/5

Land on even = 1/5

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 1

Solve.

1)

15	–	3	+	4	=	16
–		+		–		+
3	+	10	–	3	=	10
+		–		+		+
20	–	6	+	11	=	25
=		=		=		=
32	+	7	+	12	=	51

2)

19	–	17	+	7	=	9
–		+		–		+
17	+	12	–	3	=	26
+		–		+		+
11	–	6	+	9	=	14
=		=		=		=
13	+	23	+	13	=	49

3)

4	–	4	+	3	=	3
–		+		–		+
4	+	14	–	1	=	17
+		–		+		+
8	–	8	+	20	=	20
=		=		=		=
8	+	10	+	22	=	40

4)

10	–	6	+	2	=	6
–		+		–		+
6	+	18	–	2	=	22
+		–		+		+
11	–	7	+	3	=	7
=		=		=		=
15	+	17	+	3	=	35

5)

12	–	5	+	6	=	13
–		+		–		+
5	+	2	–	2	=	5
+		–		+		+
17	–	2	+	16	=	31
=		=		=		=
24	+	5	+	20	=	49

6)

7	–	2	+	19	=	24
–		+		–		+
2	+	15	–	9	=	8
+		–		+		+
8	–	3	+	3	=	8
=		=		=		=
13	+	14	+	13	=	40

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 2

Solve.

1)

13	–	11	+	1	=	3
–		+		–		+
11	+	2	–	1	=	12
+		–		+		+
16	–	2	+	7	=	21
=		=		=		=
18	+	11	+	7	=	36

2)

5	–	2	+	1	=	4
–		+		–		+
2	+	20	–	1	=	21
+		–		+		+
14	–	9	+	8	=	13
=		=		=		=
17	+	13	+	8	=	38

3)

6	–	2	+	20	=	24
–		+		–		+
2	+	20	–	5	=	17
+		–		+		+
10	–	8	+	8	=	10
=		=		=		=
14	+	14	+	23	=	51

4)

6	–	2	+	7	=	11
–		+		–		+
2	+	20	–	4	=	18
+		–		+		+
4	–	2	+	2	=	4
=		=		=		=
8	+	20	+	5	=	33

5)

6	–	6	+	6	=	6
–		+		–		+
6	+	3	–	2	=	7
+		–		+		+
11	–	1	+	16	=	26
=		=		=		=
11	+	8	+	20	=	39

6)

11	–	11	+	17	=	17
–		+		–		+
11	+	9	–	8	=	12
+		–		+		+
12	–	9	+	13	=	16
=		=		=		=
12	+	11	+	22	=	45

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 3

Solve.

1)

12	–	7	+	10	=	15
–		+		–		+
7	+	8	–	4	=	11
+		–		+		+
7	–	7	+	4	=	4
=		=		=		=
12	+	8	+	10	=	30

2)

20	–	14	+	17	=	23
–		+		–		+
14	+	15	–	7	=	22
+		–		+		+
19	–	14	+	1	=	6
=		=		=		=
25	+	15	+	11	=	51

3)

17	–	17	+	15	=	15
–		+		–		+
17	+	20	–	7	=	30
+		–		+		+
10	–	9	+	16	=	17
=		=		=		=
10	+	28	+	24	=	62

4)

3	–	1	+	10	=	12
–		+		–		+
1	+	5	–	4	=	2
+		–		+		+
8	–	3	+	14	=	19
=		=		=		=
10	+	3	+	20	=	33

5)

9	–	7	+	8	=	10
–		+		–		+
7	+	19	–	6	=	20
+		–		+		+
1	–	1	+	19	=	19
=		=		=		=
3	+	25	+	21	=	49

6)

20	–	3	+	3	=	20
–		+		–		+
3	+	18	–	3	=	18
+		–		+		+
8	–	3	+	13	=	18
=		=		=		=
25	+	18	+	13	=	56

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 4

Solve.

1)

2	–	2	+	13	=	13
–		+		–		+
2	+	18	–	12	=	8
+		–		+		+
19	–	4	+	2	=	17
=		=		=		=
19	+	16	+	3	=	38

2)

14	–	10	+	5	=	9
–		+		–		+
10	+	4	–	4	=	10
+		–		+		+
15	–	3	+	13	=	25
=		=		=		=
19	+	11	+	14	=	44

3)

3	–	1	+	6	=	8
–		+		–		+
1	+	16	–	4	=	13
+		–		+		+
20	–	5	+	17	=	32
=		=		=		=
22	+	12	+	19	=	53

4)

6	–	5	+	20	=	21
–		+		–		+
5	+	6	–	3	=	8
+		–		+		+
1	–	1	+	16	=	16
=		=		=		=
2	+	10	+	33	=	45

5)

18	–	16	+	4	=	6
–		+		–		+
16	+	17	–	3	=	30
+		–		+		+
14	–	12	+	10	=	12
=		=		=		=
16	+	21	+	11	=	48

6)

10	–	4	+	5	=	11
–		+		–		+
4	+	2	–	2	=	4
+		–		+		+
10	–	1	+	6	=	15
=		=		=		=
16	+	5	+	9	=	30

Name:_____ Class:_____ Date:____/____/_____

Across-Downs 5

Solve.

1)

13	–	7	+	15	=	21
–		+		–		+
7	+	12	–	2	=	17
+		–		+		+
12	–	2	+	2	=	12
=		=		=		=
18	+	17	+	15	=	50

2)

11	–	9	+	12	=	14
–		+		–		+
9	+	3	–	3	=	9
+		–		+		+
19	–	3	+	14	=	30
=		=		=		=
21	+	9	+	23	=	53

3)

13	–	7	+	6	=	12
–		+		–		+
7	+	1	–	1	=	7
+		–		+		+
14	–	1	+	9	=	22
=		=		=		=
20	+	7	+	14	=	41

4)

7	–	6	+	6	=	7
–		+		–		+
6	+	4	–	3	=	7
+		–		+		+
5	–	1	+	16	=	20
=		=		=		=
6	+	9	+	19	=	34

5)

15	–	11	+	14	=	18
–		+		–		+
11	+	17	–	4	=	24
+		–		+		+
10	–	7	+	7	=	10
=		=		=		=
14	+	21	+	17	=	52

6)

16	–	2	+	7	=	21
–		+		–		+
2	+	19	–	1	=	20
+		–		+		+
14	–	8	+	12	=	18
=		=		=		=
28	+	13	+	18	=	59

Name:_____ Class:_____ Date:____/____/_____

Addition Box 1

Solve.

1)

			33
32	4	1	37
1	6	7	14
26	5	5	36
59	15	13	43

2)

			21
11	1	7	19
2	5	33	40
9	46	6	61
22	52	46	22

3)

			84
6	49	9	64
36	44	3	83
31	8	8	47
73	101	20	58

4)

			37
2	19	11	32
42	23	18	83
3	3	9	15
47	45	38	34

5)

			22
49	37	2	88
18	9	5	32
11	2	35	48
78	48	42	93

6)

			42
40	9	5	54
8	36	22	66
1	4	4	9
49	49	31	80

7)

			91
4	45	49	98
44	10	1	55
32	22	34	88
80	77	84	48

8)

			58
9	7	3	19
9	8	4	21
47	7	7	61
65	22	14	24

9)

			40
48	2	27	77
34	3	9	46
10	1	44	55
92	6	80	95

10)

			19
50	14	8	72
11	6	47	64
5	40	1	46
66	60	56	57

11)

			52
8	1	6	15
1	8	5	14
38	33	46	117
47	42	57	62

12)

			113
41	6	32	79
6	47	29	82
34	28	48	110
81	81	109	136

Name:_____ Class:_____ Date:____/____/_____

Addition Box 2

Solve.

1)

			49
18	16	7	41
3	33	4	40
9	29	3	41
30	78	14	54

2)

			81
2	24	45	71
47	4	25	76
32	9	37	78
81	37	107	43

3)

			91
11	39	44	94
31	3	38	72
44	38	4	86
86	80	86	18

4)

			81
9	5	6	20
12	37	12	61
38	13	17	68
59	55	35	63

5)

			92
36	44	3	83
9	39	2	50
50	4	14	68
95	87	19	89

6)

			81
1	1	17	19
5	44	41	90
20	5	2	27
26	50	60	47

7)

			48
31	4	40	75
32	7	3	42
1	7	9	17
64	18	52	47

8)

			58
6	25	1	32
15	29	8	52
28	12	28	68
49	66	37	63

9)

			17
38	9	8	55
4	1	9	14
8	35	46	89
50	45	63	85

10)

			71
7	14	22	43
1	19	14	34
30	39	13	82
38	72	49	39

11)

			74
3	6	25	34
39	47	37	123
2	6	38	46
44	59	100	88

12)

			11
25	14	5	44
50	5	33	88
1	1	9	11
76	20	47	39

Name:_____ Class:_____ Date:____/____/_____

Addition Box 3

Solve.

1)

			67
9	9	8	26
14	25	3	42
34	5	3	42
57	39	14	37

2)

			56
31	21	3	55
7	8	31	46
45	49	11	105
83	78	45	50

3)

			51
22	19	18	59
37	4	40	81
29	13	2	44
88	36	60	28

4)

			34
4	1	7	12
2	12	18	32
15	32	4	51
21	45	29	20

5)

			92
42	6	41	89
26	32	9	67
19	25	26	70
87	63	76	100

6)

			36
15	7	27	49
6	3	5	14
6	6	42	54
27	16	74	60

7)

			54
36	8	47	91
21	6	30	57
1	4	12	17
58	18	89	54

8)

			67
11	5	50	66
8	9	8	25
8	38	16	62
27	52	74	36

9)

			43
43	3	33	79
3	7	45	55
3	7	32	42
49	17	110	82

10)

			16
45	4	5	54
50	2	24	76
9	3	5	17
104	9	34	52

11)

			73
7	42	22	71
9	1	7	17
50	9	9	68
66	52	38	17

12)

			65
17	11	20	48
25	4	5	34
41	47	17	105
83	62	42	38

Name:_____ Class:_____ Date:____/____/_____

Addition Box 4

Solve.

1)

			43
10	1	15	26
45	9	29	83
19	32	31	82
74	42	75	50

2)

			83
2	4	35	41
17	22	42	81
26	3	35	64
45	29	112	59

3)

			42
3	8	6	17
40	3	30	73
33	15	3	51
76	26	39	9

4)

			13
8	5	3	16
38	8	6	52
2	12	7	21
48	25	16	23

5)

			83
19	16	7	42
46	46	4	96
30	47	2	79
95	109	13	67

6)

			14
4	33	1	38
2	1	38	41
12	38	46	96
18	72	85	51

7)

			44
21	3	34	58
1	4	21	26
6	1	36	43
28	8	91	61

8)

			67
34	37	9	80
23	49	2	74
9	5	11	25
66	91	22	94

9)

			63
22	6	13	41
5	43	25	73
7	6	37	50
34	55	75	102

10)

			37
41	42	8	91
21	26	11	58
3	11	6	20
65	79	25	73

11)

			47
30	9	4	43
25	23	41	89
20	44	14	78
75	76	59	67

12)

			49
27	17	43	87
20	5	9	34
1	17	8	26
48	39	60	40

Name:_____ Class:_____ Date:____/____/_____

Addition Box 5

Solve.

1)

			39
18	48	1	67
47	1	16	64
37	20	16	73
102	69	33	35

2)

			76
39	4	18	61
43	14	6	63
44	42	2	88
126	60	26	55

3)

			20
4	1	4	9
8	7	37	52
9	25	9	43
21	33	50	20

4)

			41
45	30	32	107
7	6	7	20
3	7	5	15
55	43	44	56

5)

			47
46	8	5	59
5	17	13	35
25	41	6	72
76	66	24	69

6)

			73
30	5	8	43
2	22	33	57
43	12	34	89
75	39	75	86

7)

			81
12	3	11	26
20	40	5	65
30	1	48	79
62	44	64	100

8)

			26
5	6	13	24
4	9	31	44
4	9	1	14
13	24	45	15

9)

			104
14	13	35	62
27	24	1	52
45	45	24	114
86	82	60	62

10)

			68
28	43	43	114
2	3	33	38
22	3	9	34
52	49	85	40

11)

			81
33	29	25	87
15	21	35	71
35	8	3	46
83	58	63	57

12)

			25
8	2	7	17
41	12	50	103
6	27	30	63
55	41	87	50

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 1

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 44 / 11 4 / 15

2) 224 / 28 8 / 36

3) 252 / 9 28 / 37

4) 644 / 23 28 / 51

5) 45 / 3 15 / 18

6) 12 / 2 6 / 8

7) 180 / 9 20 / 29

8) 49 / 7 7 / 14

9) 450 / 15 30 / 45

10) 300 / 12 25 / 37

11) 198 / 9 22 / 31

12) 78 / 26 3 / 29

13) 350 / 14 25 / 39

14) 320 / 16 20 / 36

15) 18 / 3 6 / 9

16) 105 / 15 7 / 22

17) 468 / 26 18 / 44

18) 189 / 21 9 / 30

19) 154 / 22 7 / 29

20) 377 / 29 13 / 42

21) 308 / 14 22 / 36

22) 600 / 30 20 / 50

23) 406 / 29 14 / 43

24) 242 / 11 22 / 33

25) 65 / 5 13 / 18

26) 160 / 20 8 / 28

27) 63 / 9 7 / 16

28) 114 / 6 19 / 25

29) 216 / 8 27 / 35

30) 336 / 24 14 / 38

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 2

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 30 / 10 3 / 13

2) 6 / 3 2 / 5

3) 12 / 2 6 / 8

4) 90 / 10 9 / 19

5) 30 / 2 15 / 17

6) 690 / 23 30 / 53

7) 66 / 3 22 / 25

8) 46 / 23 2 / 25

9) 88 / 11 8 / 19

10) 840 / 30 28 / 58

11) 32 / 2 16 / 18

12) 24 / 12 2 / 14

13) 165 / 11 15 / 26

14) 24 / 2 12 / 14

15) 136 / 8 17 / 25

16) 252 / 28 9 / 37

17) 138 / 23 6 / 29

18) 464 / 16 29 / 45

19) 130 / 10 13 / 23

20) 312 / 24 13 / 37

21) 360 / 12 30 / 42

22) 189 / 21 9 / 30

23) 616 / 22 28 / 50

24) 420 / 15 28 / 43

25) 266 / 14 19 / 33

26) 60 / 15 4 / 19

27) 232 / 8 29 / 37

28) 408 / 17 24 / 41

29) 42 / 21 2 / 23

30) 374 / 22 17 / 39

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 3

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 154 / 11 14 / 25
2) 192 / 8 24 / 32
3) 288 / 24 12 / 36
4) 216 / 24 9 / 33
5) 624 / 26 24 / 50
6) 506 / 23 22 / 45
7) 324 / 18 18 / 36
8) 110 / 5 22 / 27
9) 76 / 4 19 / 23
10) 231 / 21 11 / 32
11) 406 / 29 14 / 43
12) 96 / 24 4 / 28
13) 624 / 24 26 / 50
14) 144 / 8 18 / 26
15) 405 / 15 27 / 42
16) 135 / 5 27 / 32
17) 375 / 25 15 / 40
18) 209 / 19 11 / 30
19) 60 / 20 3 / 23
20) 783 / 27 29 / 56
21) 30 / 3 10 / 13
22) 156 / 6 26 / 32
23) 243 / 27 9 / 36
24) 45 / 15 3 / 18
25) 115 / 23 5 / 28
26) 70 / 14 5 / 19
27) 300 / 10 30 / 40
28) 162 / 6 27 / 33
29) 100 / 20 5 / 25
30) 840 / 30 28 / 58

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 4

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 170 / 17 10 / 27

2) 374 / 17 22 / 39

3) 108 / 9 12 / 21

4) 208 / 26 8 / 34

5) 375 / 25 15 / 40

6) 76 / 4 19 / 23

7) 289 / 17 17 / 34

8) 125 / 25 5 / 30

9) 16 / 2 8 / 10

10) 108 / 27 4 / 31

11) 81 / 9 9 / 18

12) 63 / 9 7 / 16

13) 510 / 30 17 / 47

14) 238 / 17 14 / 31

15) 48 / 3 16 / 19

16) 540 / 18 30 / 48

17) 725 / 25 29 / 54

18) 50 / 10 5 / 15

19) 464 / 16 29 / 45

20) 54 / 6 9 / 15

21) 322 / 14 23 / 37

22) 160 / 16 10 / 26

23) 90 / 3 30 / 33

24) 143 / 13 11 / 24

25) 140 / 14 10 / 24

26) 105 / 5 21 / 26

27) 290 / 29 10 / 39

28) 24 / 2 12 / 14

29) 529 / 23 23 / 46

30) 338 / 26 13 / 39

Name:_____ Class:_____ Date:____/____/_____

Diamond Math 5

Complete the diamond problems. The top cell contains the product of the number in the right and left cells and the bottom cell contains the sum.

1) 132 / 6 22 / 28

2) 377 / 13 29 / 42

3) 522 / 18 29 / 47

4) 416 / 26 16 / 42

5) 255 / 17 15 / 32

6) 588 / 28 21 / 49

7) 598 / 26 23 / 49

8) 32 / 16 2 / 18

9) 440 / 22 20 / 42

10) 208 / 8 26 / 34

11) 290 / 10 29 / 39

12) 304 / 16 19 / 35

13) 144 / 6 24 / 30

14) 32 / 2 16 / 18

15) 198 / 11 18 / 29

16) 242 / 22 11 / 33

17) 175 / 7 25 / 32

18) 180 / 6 30 / 36

19) 221 / 13 17 / 30

20) 6 / 2 3 / 5

21) 340 / 20 17 / 37

22) 20 / 5 4 / 9

23) 57 / 19 3 / 22

24) 247 / 13 19 / 32

25) 600 / 20 30 / 50

26) 130 / 13 10 / 23

27) 195 / 13 15 / 28

28) 450 / 15 30 / 45

29) 96 / 24 4 / 28

30) 420 / 15 28 / 43

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 1

Find the magic number.

1)

14	28	18
24	20	16
22	12	26

Magic Number: 60

2)

26	16	18
12	20	28
22	24	14

Magic Number: 60

3)

22	24	14
12	20	28
26	16	18

Magic Number: 60

4)

12	22	8
10	14	18
20	6	16

Magic Number: 42

5)

22	32	18
20	24	28
30	16	26

Magic Number: 72

6)

32	22	24
18	26	34
28	30	20

Magic Number: 78

7)

20	10	12
6	14	22
16	18	8

Magic Number: 42

8)

16	30	20
26	22	18
24	14	28

Magic Number: 66

9)

28	18	32
30	26	22
20	34	24

Magic Number: 78

10)

24	14	28
26	22	18
16	30	20

Magic Number: 66

11)

6	20	10
16	12	8
14	4	18

Magic Number: 36

12)

18	32	22
28	24	20
26	16	30

Magic Number: 72

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 2

Find the magic number.

1)

18	16	26
28	20	12
14	24	22

Magic Number: 60

2)

20	34	24
30	26	22
28	18	32

Magic Number: 78

3)

8	18	16
22	14	6
12	10	20

Magic Number: 42

4)

16	18	8
6	14	22
20	10	12

Magic Number: 42

5)

24	26	16
14	22	30
28	18	20

Magic Number: 66

6)

30	20	22
16	24	32
26	28	18

Magic Number: 72

7)

14	16	6
4	12	20
18	8	10

Magic Number: 36

8)

28	14	24
18	22	26
20	30	16

Magic Number: 66

9)

22	20	30
32	24	16
18	28	26

Magic Number: 72

10)

20	10	24
22	18	14
12	26	16

Magic Number: 54

11)

16	6	20
18	14	10
8	22	12

Magic Number: 42

12)

14	4	18
16	12	8
6	20	10

Magic Number: 36

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 3

Find the magic number.

1)

20	10	12
6	14	22
16	18	8

Magic Number: 42

2)

24	34	20
22	26	30
32	18	28

Magic Number: 78

3)

28	30	20
18	26	34
32	22	24

Magic Number: 78

4)

26	12	22
16	20	24
18	28	14

Magic Number: 60

5)

14	16	6
4	12	20
18	8	10

Magic Number: 36

6)

32	22	24
18	26	34
28	30	20

Magic Number: 78

7)

16	14	24
26	18	10
12	22	20

Magic Number: 54

8)

16	26	12
14	18	22
24	10	20

Magic Number: 54

9)

14	24	22
28	20	12
18	16	26

Magic Number: 60

10)

6	16	14
20	12	4
10	8	18

Magic Number: 36

11)

18	16	26
28	20	12
14	24	22

Magic Number: 60

12)

12	22	8
10	14	18
20	6	16

Magic Number: 42

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 4

Find the magic number.

1)

28	18	32
30	26	22
20	34	24

Magic Number: 78

2)

26	16	30
28	24	20
18	32	22

Magic Number: 72

3)

12	22	8
10	14	18
20	6	16

Magic Number: 42

4)

10	8	18
20	12	4
6	16	14

Magic Number: 36

5)

32	18	28
22	26	30
24	34	20

Magic Number: 78

6)

20	10	24
22	18	14
12	26	16

Magic Number: 54

7)

26	16	18
12	20	28
22	24	14

Magic Number: 60

8)

20	18	28
30	22	14
16	26	24

Magic Number: 66

9)

14	12	22
24	16	8
10	20	18

Magic Number: 48

10)

14	4	18
16	12	8
6	20	10

Magic Number: 36

11)

16	6	20
18	14	10
8	22	12

Magic Number: 42

12)

22	24	14
12	20	28
26	16	18

Magic Number: 60

Name:_____ Class:_____ Date:____/____/_____

Magic Squares 5

Find the magic number.

1)

20	10	24
22	18	14
12	26	16

Magic Number: 54

2)

24	22	32
34	26	18
20	30	28

Magic Number: 78

3)

12	22	20
26	18	10
16	14	24

Magic Number: 54

4)

12	22	8
10	14	18
20	6	16

Magic Number: 42

5)

10	24	14
20	16	12
18	8	22

Magic Number: 48

6)

22	8	18
12	16	20
14	24	10

Magic Number: 48

7)

18	16	26
28	20	12
14	24	22

Magic Number: 60

8)

26	16	18
12	20	28
22	24	14

Magic Number: 60

9)

22	12	26
24	20	16
14	28	18

Magic Number: 60

10)

24	10	20
14	18	22
16	26	12

Magic Number: 54

11)

28	30	20
18	26	34
32	22	24

Magic Number: 78

12)

14	28	18
24	20	16
22	12	26

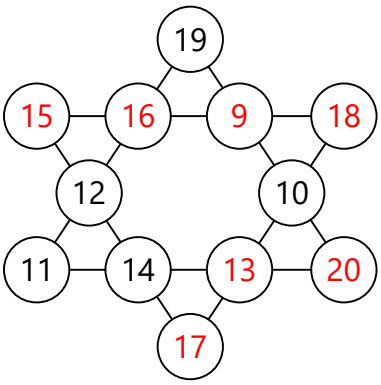
Magic Number: 60

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 1

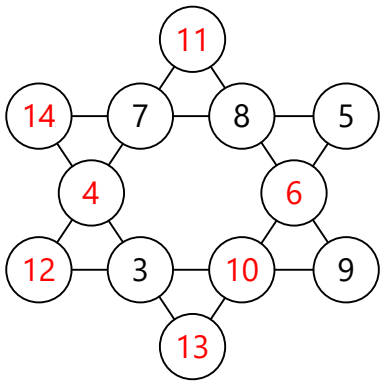
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



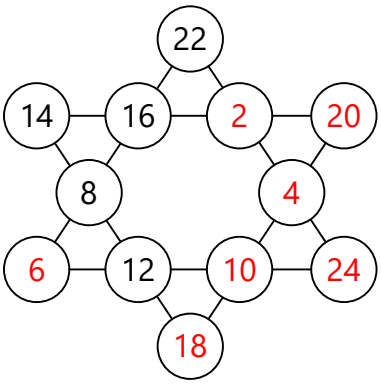
Magic Number: 58

2)



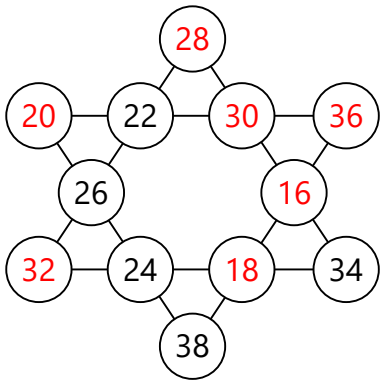
Magic Number: 34

3)



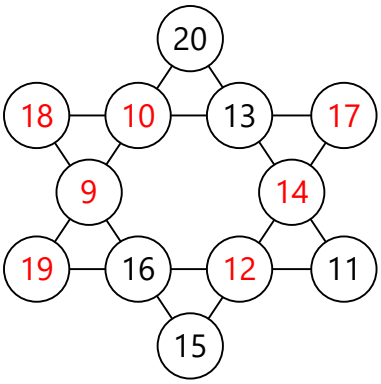
Magic Number: 52

4)



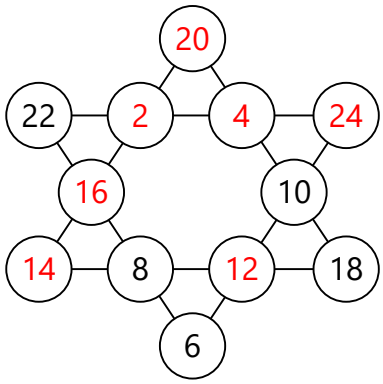
Magic Number: 108

5)



Magic Number: 58

6)



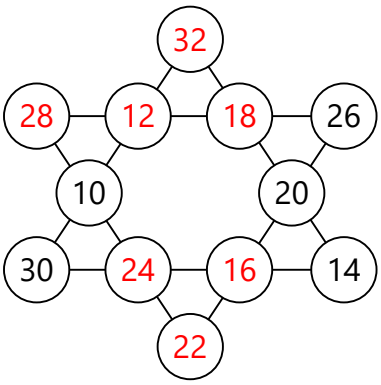
Magic Number: 52

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 2

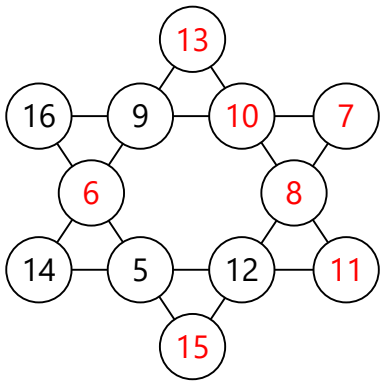
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



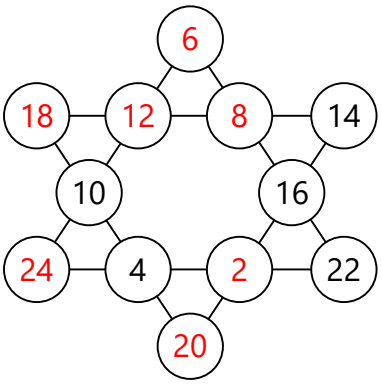
Magic Number: 84

2)



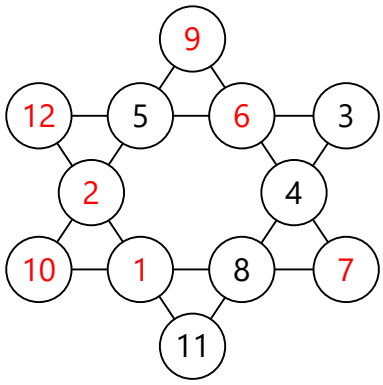
Magic Number: 42

3)



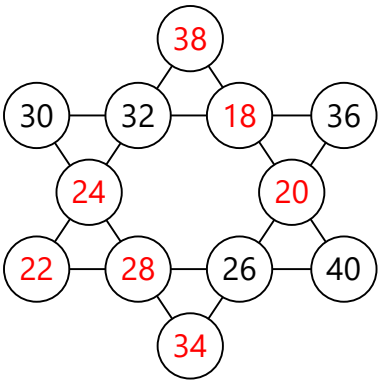
Magic Number: 52

4)



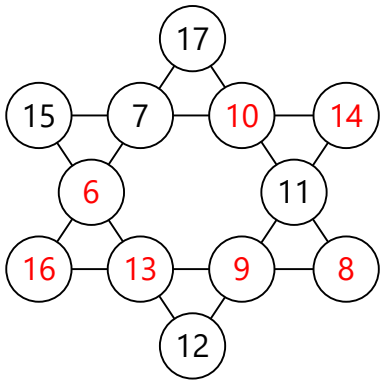
Magic Number: 26

5)



Magic Number: 116

6)



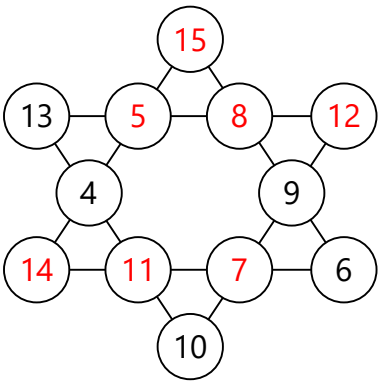
Magic Number: 46

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 3

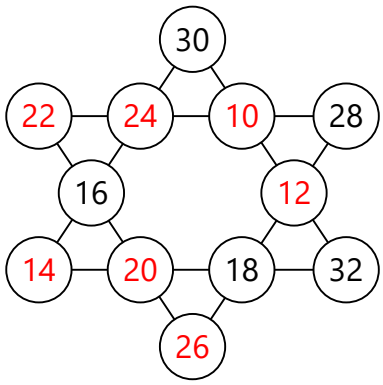
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



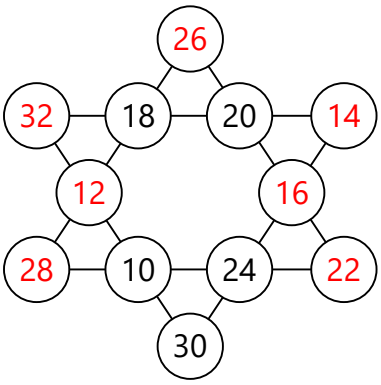
Magic Number: 38

2)



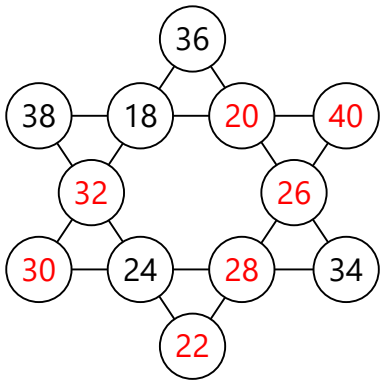
Magic Number: 84

3)



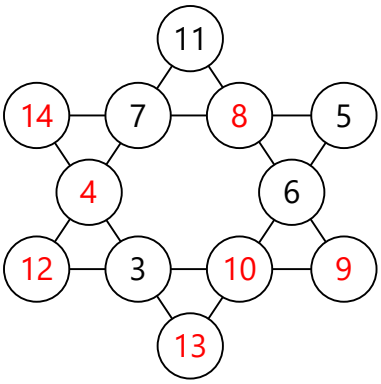
Magic Number: 84

4)



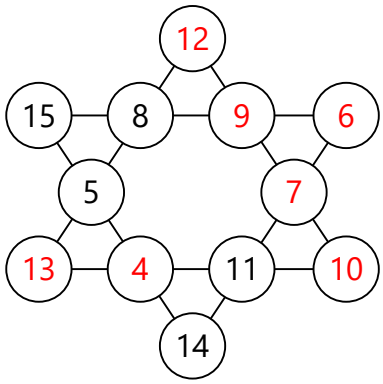
Magic Number: 116

5)



Magic Number: 34

6)



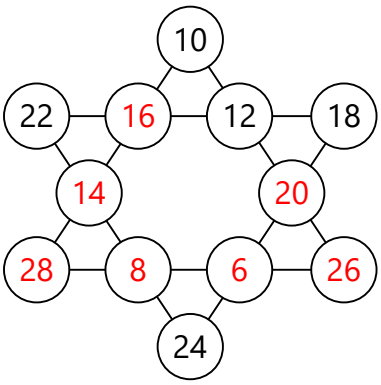
Magic Number: 38

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 4

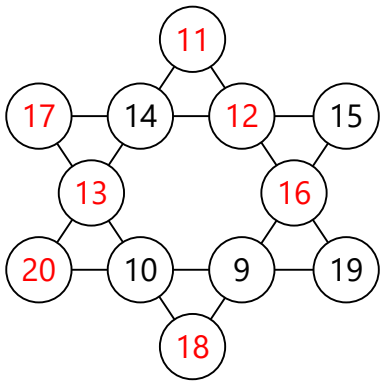
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



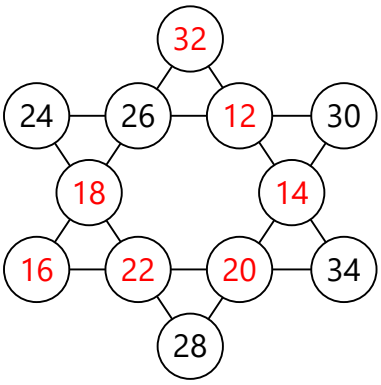
Magic Number: 68

2)



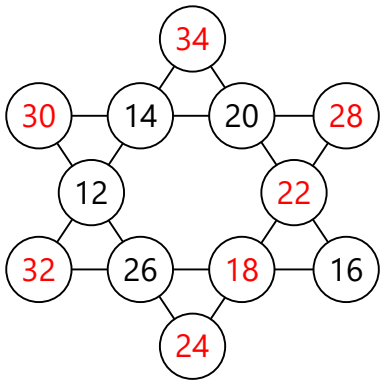
Magic Number: 58

3)



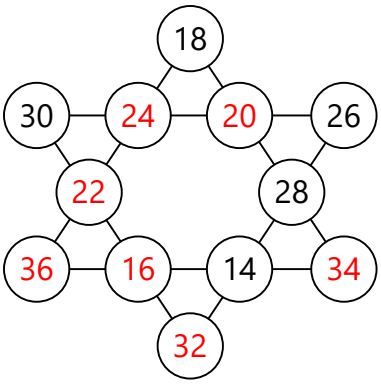
Magic Number: 92

4)



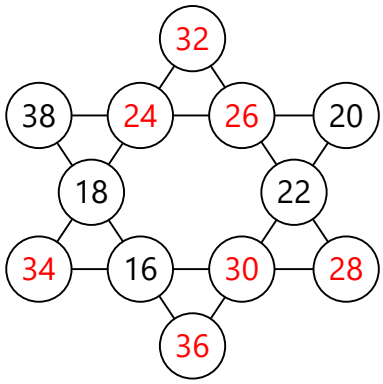
Magic Number: 92

5)



Magic Number: 100

6)



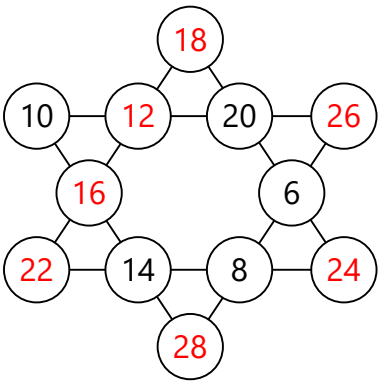
Magic Number: 108

Name:_____ Class:_____ Date:____/____/_____

Magic Stars 5

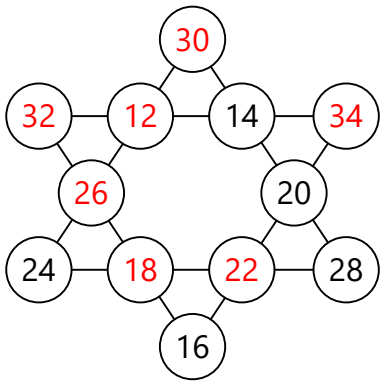
Supply the missing numbers in the star and find the magic number. All star lines must add to the same magic number and no number can be used more than once.

1)



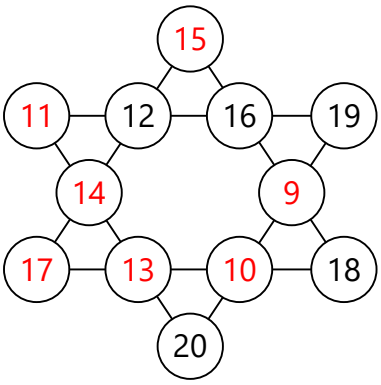
Magic Number: 68

2)



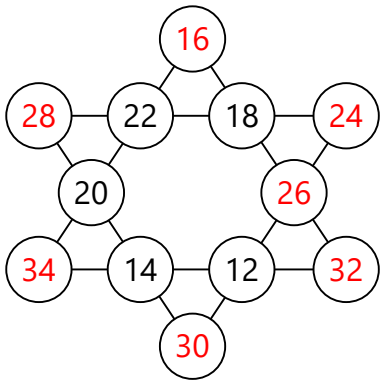
Magic Number: 92

3)



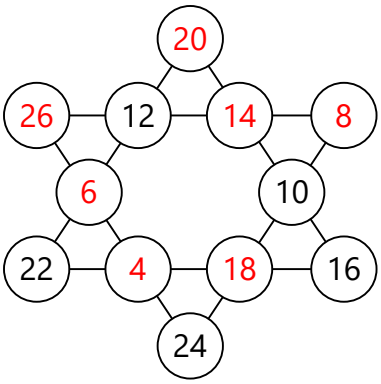
Magic Number: 58

4)



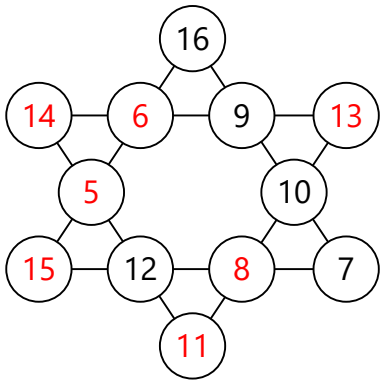
Magic Number: 92

5)



Magic Number: 60

6)



Magic Number: 42

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 1

Solve.

1)

			180
11	2	3	66
2	12	6	144
5	12	4	240
110	288	72	528

2)

			900
3	11	10	330
8	10	5	400
9	9	12	972
216	990	600	360

3)

			1,056
2	12	11	264
10	8	12	960
12	10	10	1,200
240	960	1,320	160

4)

			108
6	5	3	90
12	12	12	1,728
3	11	12	396
216	660	432	864

5)

			350
12	11	7	924
11	10	11	1,210
5	5	12	300
660	550	924	1,440

6)

			504
10	12	6	720
6	7	2	84
12	7	4	336
720	588	48	280

7)

			396
3	8	9	216
10	4	11	440
11	9	10	990
330	288	990	120

8)

			160
7	11	8	616
5	10	10	500
2	11	2	44
70	1,210	160	140

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 2

Solve.

1)

			432
11	11	6	726
3	12	10	360
6	10	3	180
198	1,320	180	396

2)

			128
2	2	4	16
9	8	4	288
4	4	5	80
72	64	80	80

3)

			1,100
10	12	11	1,320
8	10	8	640
10	12	11	1,320
800	1,440	968	1,100

4)

			54
12	6	9	648
6	2	5	60
3	9	2	54
216	108	90	48

5)

			660
3	5	5	75
5	11	2	110
12	5	9	540
180	275	90	297

6)

			165
12	10	5	600
8	3	10	240
11	8	3	264
1,056	240	150	108

7)

			108
5	5	3	75
11	12	7	924
3	6	9	162
165	360	189	540

8)

			198
7	4	11	308
5	6	10	300
3	4	11	132
105	96	1,210	462

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 3

Solve.

1)

			1,056
3	11	12	396
12	8	11	1,056
11	10	5	550
396	880	660	120

2)

			120
10	7	4	280
4	10	10	400
3	12	10	360
120	840	400	1,000

3)

			450
7	3	10	210
8	9	8	576
5	9	12	540
280	243	960	756

4)

			150
4	6	5	120
7	3	4	84
10	3	11	330
280	54	220	132

5)

			960
4	11	12	528
9	10	9	810
8	6	11	528
288	660	1,188	440

6)

			1,584
12	2	12	288
7	11	11	847
12	3	6	216
1,008	66	792	792

7)

			1,320
2	5	12	120
3	10	12	360
11	10	3	330
66	500	432	60

8)

			605
7	12	11	924
12	11	6	792
5	11	11	605
420	1,452	726	847

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 4

Solve.

1)

			400
3	12	10	360
8	4	4	128
10	12	10	1,200
240	576	400	120

2)

			330
12	5	11	660
6	10	12	720
3	11	5	165
216	550	660	600

3)

			360
6	2	5	60
10	6	9	540
12	7	12	1,008
720	84	540	432

4)

			847
11	3	7	231
3	11	11	363
11	6	4	264
363	198	308	484

5)

			1,320
10	11	12	1,320
2	10	7	140
11	6	4	264
220	660	336	400

6)

			60
7	10	2	140
12	5	10	600
6	4	8	192
504	200	160	280

7)

			440
10	11	11	1,210
10	5	2	100
8	6	9	432
800	330	198	450

8)

			550
9	11	10	990
4	11	7	308
5	12	9	540
180	1,452	630	891

Name:_____ Class:_____ Date:____/____/_____

Multiplication Box 5

Solve.

1)

			576
4	6	12	288
11	12	3	396
4	2	11	88
176	144	396	528

2)

			150
10	9	5	450
5	10	5	250
3	11	12	396
150	990	300	1,200

3)

			220
12	12	11	1,584
9	2	9	162
10	7	10	700
1,080	168	990	240

4)

			1,080
5	10	10	500
2	9	10	180
12	3	5	180
120	270	500	225

5)

			72
9	11	2	198
12	4	6	288
9	10	9	810
972	440	108	324

6)

			210
12	6	3	216
3	7	4	84
10	2	7	140
360	84	84	588

7)

			420
10	7	10	700
11	7	7	539
6	8	10	480
660	392	700	700

8)

			1,100
8	11	10	880
12	10	8	960
11	3	2	66
1,056	330	160	160

Name:_____ Class:_____ Date:____/____/_____

Number Patterns

Find the pattern.

1) 34, 36, 38, 40, 42, 44, 46, 48, 50 (+ 2)
2) 2, 10, 18, 26, 34, 42, 50, 58, 66 (+ 8)
3) 52, 48, 44, 40, 36, 32, 28, 24, 20 (- 4)
4) 89, 80, 71, 62, 53, 44, 35, 26, 17 (- 9)
5) 79, 72, 65, 58, 51, 44, 37, 30, 23 (- 7)
6) 46, 42, 38, 34, 30, 26, 22, 18, 14 (- 4)
7) 56, 52, 48, 44, 40, 36, 32, 28, 24 (- 4)
8) 12, 20, 28, 36, 44, 52, 60, 68, 76 (+ 8)
9) 11, 20, 29, 38, 47, 56, 65, 74, 83 (+ 9)
10) 69, 65, 61, 57, 53, 49, 45, 41, 37 (- 4)
11) 27, 34, 41, 48, 55, 62, 69, 76, 83 (+ 7)
12) 68, 70, 72, 74, 76, 78, 80, 82, 84 (+ 2)
13) 3, 10, 17, 24, 31, 38, 45, 52, 59 (+ 7)
14) 91, 82, 73, 64, 55, 46, 37, 28, 19 (- 9)
15) 24, 32, 40, 48, 56, 64, 72, 80, 88 (+ 8)
16) 4, 9, 14, 19, 24, 29, 34, 39, 44 (+ 5)
17) 45, 43, 41, 39, 37, 35, 33, 31, 29 (- 2)
18) 22, 28, 34, 40, 46, 52, 58, 64, 70 (+ 6)
19) 82, 78, 74, 70, 66, 62, 58, 54, 50 (- 4)
20) 48, 43, 38, 33, 28, 23, 18, 13, 8 (- 5)
21) 80, 71, 62, 53, 44, 35, 26, 17, 8 (- 9)
22) 36, 39, 42, 45, 48, 51, 54, 57, 60 (+ 3)
23) 46, 48, 50, 52, 54, 56, 58, 60, 62 (+ 2)
24) 62, 60, 58, 56, 54, 52, 50, 48, 46 (- 2)
25) 21, 30, 39, 48, 57, 66, 75, 84, 93 (+ 9)
26) 78, 74, 70, 66, 62, 58, 54, 50, 46 (- 4)
27) 26, 29, 32, 35, 38, 41, 44, 47, 50 (+ 3)
28) 98, 90, 82, 74, 66, 58, 50, 42, 34 (- 8)
29) 49, 47, 45, 43, 41, 39, 37, 35, 33 (- 2)
30) 16, 22, 28, 34, 40, 46, 52, 58, 64 (+ 6)
31) 17, 23, 29, 35, 41, 47, 53, 59, 65 (+ 6)
32) 82, 79, 76, 73, 70, 67, 64, 61, 58 (- 3)
33) 83, 76, 69, 62, 55, 48, 41, 34, 27 (- 7)
34) 2, 9, 16, 23, 30, 37, 44, 51, 58 (+ 7)
35) 76, 68, 60, 52, 44, 36, 28, 20, 12 (- 8)
36) 75, 69, 63, 57, 51, 45, 39, 33, 27 (- 6)
37) 24, 30, 36, 42, 48, 54, 60, 66, 72 (+ 6)
38) 47, 51, 55, 59, 63, 67, 71, 75, 79 (+ 4)

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 1

Find the secret trail.

1)

1	12	16
1	16	11
14	29	17
	+	88

2)

9	25	18
9	16	23
30	3	19
	+	100

3)

22	18	10
4	24	25
1	7	21
	+	33

4)

9	26	25
14	24	2
25	6	12
	+	52

5)

20	24	10
6	19	14
2	13	7
	+	82

6)

11	7	9
16	17	14
30	4	15
	+	89

7)

29	25	21
26	3	16
25	15	19
	+	104

8)

22	19	27
4	13	15
16	20	25
	+	119

9)

1	12	29
20	14	9
28	9	10
	+	47

10)

22	29	28
28	18	26
3	14	4
	+	76

11)

20	18	25
4	30	22
11	5	4
	+	93

12)

28	11	9
5	13	18
26	1	13
	+	95

13)

19	16	5
16	12	23
21	30	16
	+	102

14)

13	3	16
22	21	13
18	25	21
	+	106

15)

29	23	6
9	6	12
21	23	15
	+	126

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 2

Find the secret trail.

1)

23	30	19
11	18	29
23	13	15
	+	96

2)

1	25	8
10	27	1
10	28	9
	+	83

3)

15	25	20
12	20	30
30	23	2
	+	64

4)

8	7	17
5	18	25
16	11	22
	+	71

5)

5	14	3
7	3	29
10	8	22
	+	79

6)

29	30	12
28	30	12
8	24	26
	+	138

7)

14	27	6
25	17	8
26	19	5
	+	85

8)

17	22	15
19	28	22
30	10	10
	+	84

9)

22	25	14
27	4	10
30	5	16
	+	92

10)

27	28	12
12	21	1
7	20	7
	+	87

11)

13	19	12
19	9	23
5	12	9
	+	65

12)

27	7	1
17	24	19
14	10	22
	+	100

13)

9	21	4
2	10	20
11	4	29
	+	75

14)

15	10	3
22	13	3
14	26	18
	+	74

15)

6	19	26
25	7	20
27	26	19
	+	116

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 3

Find the secret trail.

1)

18	21	11
1	13	14
20	7	25
	+	53

2)

29	13	4
2	6	16
18	10	12
	+	72

3)

4	30	14
23	7	13
28	8	21
	+	93

4)

15	2	22
14	11	25
1	20	24
	+	92

5)

23	9	18
11	27	18
7	19	24
	+	107

6)

16	12	17
2	9	27
22	21	21
	+	69

7)

15	29	17
20	6	17
8	5	12
	+	51

8)

23	26	24
13	1	7
15	11	18
	+	110

9)

9	30	12
4	24	24
22	29	5
	+	101

10)

11	2	8
17	7	21
19	5	2
	+	71

11)

13	11	3
28	24	3
4	23	12
	+	80

12)

17	18	6
27	29	24
14	20	19
	+	99

13)

15	17	6
9	13	16
6	9	18
	+	79

14)

17	27	20
27	4	28
28	14	10
	+	120

15)

20	30	17
4	24	23
27	12	18
	+	112

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 4

Find the secret trail.

1)

23	22	9
21	25	23
18	3	9
	+	141

2)

7	10	14
15	14	19
20	28	30
	+	87

3)

28	29	17
11	29	16
14	27	5
	+	106

4)

28	27	26
15	30	29
30	23	17
	+	140

5)

14	5	27
20	27	20
10	5	21
	+	103

6)

30	27	5
26	23	24
6	29	23
	+	131

7)

9	22	28
20	29	11
15	30	15
	+	125

8)

20	28	12
27	4	24
3	28	14
	+	121

9)

7	10	7
13	20	1
23	30	22
	+	102

10)

24	1	30
8	25	23
7	7	21
	+	68

11)

6	11	20
6	4	3
16	8	22
	+	51

12)

21	8	15
15	3	29
15	16	1
	+	86

13)

19	15	8
9	21	19
28	4	3
	+	94

14)

17	27	8
28	4	26
21	1	9
	+	58

15)

8	22	7
23	28	21
3	11	16
	+	96

Name:_____ Class:_____ Date:____/____/_____

Secret Trails 5

Find the secret trail.

1)

23	4	21
28	1	3
11	15	24
	+	78

2)

15	14	12
26	10	8
8	10	29
	+	112

3)

7	27	1
14	23	14
20	17	17
	+	125

4)

20	3	17
30	19	6
7	10	7
	+	89

5)

26	8	11
3	5	5
29	25	12
	+	45

6)

26	4	8
6	12	27
4	8	5
	+	74

7)

14	25	29
10	20	13
28	13	8
	+	92

8)

2	28	3
2	14	30
16	28	9
	+	55

9)

15	25	6
9	20	17
25	11	18
	+	64

10)

2	29	5
20	14	1
9	2	14
	+	49

11)

8	17	18
7	7	28
1	7	23
	+	65

12)

11	7	30
17	3	19
20	20	20
	+	99

13)

21	15	14
17	11	28
8	29	2
	+	59

14)

16	18	18
6	12	26
30	18	17
	+	101

15)

12	20	12
11	5	21
22	3	5
	+	53

Name:_____ Class:_____ Date:____/____/_____

Sudoku 1 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

4	8	2	5	1	3	9	6	7
1	7	3	2	9	6	4	5	8
5	9	6	7	4	8	3	2	1
3	6	1	8	5	4	2	7	9
7	5	4	1	2	9	8	3	6
9	2	8	6	3	7	1	4	5
2	1	7	3	8	5	6	9	4
6	3	9	4	7	1	5	8	2
8	4	5	9	6	2	7	1	3

2)

1	4	9	7	6	2	3	5	8
3	2	5	1	9	8	6	7	4
7	6	8	4	3	5	9	2	1
5	9	7	2	8	6	4	1	3
2	8	3	5	1	4	7	6	9
4	1	6	9	7	3	2	8	5
6	5	1	3	4	7	8	9	2
9	7	4	8	2	1	5	3	6
8	3	2	6	5	9	1	4	7

3)

5	2	7	9	1	3	4	6	8
8	1	6	5	2	4	9	3	7
3	9	4	7	6	8	5	2	1
6	4	2	1	7	5	3	8	9
7	3	8	6	4	9	1	5	2
9	5	1	3	8	2	7	4	6
1	6	3	2	5	7	8	9	4
4	7	9	8	3	6	2	1	5
2	8	5	4	9	1	6	7	3

4)

7	9	6	2	5	8	4	3	1
5	4	2	7	1	3	6	8	9
1	8	3	4	6	9	2	7	5
2	6	5	3	9	7	1	4	8
3	1	8	6	4	5	9	2	7
4	7	9	1	8	2	3	5	6
9	2	7	5	3	1	8	6	4
8	5	4	9	2	6	7	1	3
6	3	1	8	7	4	5	9	2

5)

7	4	9	5	8	1	2	6	3
6	2	8	3	4	7	5	9	1
1	5	3	2	6	9	8	7	4
5	7	2	6	9	4	1	3	8
4	9	6	8	1	3	7	2	5
8	3	1	7	2	5	6	4	9
3	8	5	4	7	6	9	1	2
2	1	7	9	3	8	4	5	6
9	6	4	1	5	2	3	8	7

6)

3	2	4	1	8	9	6	7	5
6	7	5	3	2	4	9	1	8
8	1	9	7	5	6	3	2	4
9	3	7	2	4	5	1	8	6
1	4	2	8	6	3	5	9	7
5	6	8	9	1	7	4	3	2
4	9	1	5	7	8	2	6	3
7	5	3	6	9	2	8	4	1
2	8	6	4	3	1	7	5	9

Name:_____ Class:_____ Date:____/____/_____

Sudoku 2 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1	6	3	8	7	5	2	4	9
8	7	4	6	9	2	1	5	3
5	2	9	4	3	1	8	7	6
2	3	1	5	6	7	9	8	4
9	5	6	2	8	4	7	3	1
7	4	8	9	1	3	5	6	2
3	8	7	1	4	9	6	2	5
6	9	5	3	2	8	4	1	7
4	1	2	7	5	6	3	9	8

2)

5	3	9	6	4	8	7	1	2
8	1	4	5	2	7	6	3	9
2	6	7	3	9	1	8	4	5
4	8	3	9	7	2	1	5	6
6	5	1	4	8	3	9	2	7
7	9	2	1	5	6	3	8	4
9	2	6	8	3	5	4	7	1
3	4	5	7	1	9	2	6	8
1	7	8	2	6	4	5	9	3

3)

7	3	1	4	8	2	6	9	5
2	5	9	6	7	1	3	4	8
8	4	6	9	5	3	1	2	7
4	8	2	1	3	9	7	5	6
9	1	3	5	6	7	4	8	2
6	7	5	8	2	4	9	3	1
5	6	7	3	4	8	2	1	9
1	2	4	7	9	5	8	6	3
3	9	8	2	1	6	5	7	4

4)

6	1	8	3	5	9	7	2	4
2	4	9	1	7	8	3	6	5
5	7	3	4	2	6	1	9	8
1	6	2	9	8	4	5	3	7
4	3	5	7	6	1	2	8	9
8	9	7	2	3	5	4	1	6
3	8	1	5	9	7	6	4	2
9	5	4	6	1	2	8	7	3
7	2	6	8	4	3	9	5	1

5)

3	1	4	9	8	5	2	6	7
2	7	9	1	4	6	8	3	5
6	8	5	7	2	3	9	1	4
4	9	1	8	6	2	7	5	3
5	2	8	4	3	7	1	9	6
7	6	3	5	9	1	4	2	8
1	4	7	6	5	9	3	8	2
8	5	2	3	1	4	6	7	9
9	3	6	2	7	8	5	4	1

6)

1	2	7	4	9	5	8	6	3
5	4	9	8	3	6	1	7	2
8	6	3	7	2	1	4	9	5
2	9	8	6	7	3	5	4	1
6	5	1	9	4	2	3	8	7
3	7	4	1	5	8	9	2	6
4	8	5	2	1	7	6	3	9
9	3	2	5	6	4	7	1	8
7	1	6	3	8	9	2	5	4

Name:_____ Class:_____ Date:____/____/_____

Sudoku 3 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

6	3	8	2	4	5	9	1	7
7	5	4	9	3	1	6	2	8
1	9	2	6	7	8	5	4	3
4	6	7	3	5	2	8	9	1
3	8	1	7	9	6	2	5	4
9	2	5	1	8	4	7	3	6
2	7	9	8	1	3	4	6	5
5	1	6	4	2	7	3	8	9
8	4	3	5	6	9	1	7	2

2)

3	6	7	5	2	1	9	8	4
9	2	4	3	8	6	7	1	5
1	5	8	4	9	7	6	2	3
8	1	9	6	3	5	2	4	7
2	4	5	1	7	9	8	3	6
6	7	3	8	4	2	5	9	1
4	3	2	7	6	8	1	5	9
5	9	6	2	1	4	3	7	8
7	8	1	9	5	3	4	6	2

3)

9	2	4	6	7	8	1	3	5
3	5	7	2	4	1	8	9	6
8	6	1	5	9	3	7	4	2
7	9	8	4	6	2	3	5	1
6	1	3	7	8	5	9	2	4
5	4	2	3	1	9	6	8	7
4	7	5	8	3	6	2	1	9
1	3	6	9	2	4	5	7	8
2	8	9	1	5	7	4	6	3

4)

9	3	8	2	1	4	6	5	7
7	1	2	6	5	9	3	4	8
6	5	4	3	7	8	1	2	9
1	2	5	4	8	6	7	9	3
4	9	3	1	2	7	5	8	6
8	6	7	9	3	5	2	1	4
3	4	9	5	6	1	8	7	2
5	7	6	8	9	2	4	3	1
2	8	1	7	4	3	9	6	5

5)

6	2	4	3	9	5	7	8	1
9	3	7	4	1	8	5	2	6
8	1	5	7	6	2	3	4	9
4	8	2	1	7	9	6	5	3
5	9	1	8	3	6	4	7	2
7	6	3	2	5	4	1	9	8
1	4	6	9	2	7	8	3	5
3	7	9	5	8	1	2	6	4
2	5	8	6	4	3	9	1	7

6)

6	8	3	4	1	7	5	9	2
5	7	4	8	9	2	1	3	6
2	9	1	6	3	5	8	7	4
7	6	9	2	4	8	3	1	5
4	5	8	1	7	3	2	6	9
3	1	2	9	5	6	4	8	7
9	2	5	3	6	1	7	4	8
8	3	6	7	2	4	9	5	1
1	4	7	5	8	9	6	2	3

Name:_____ Class:_____ Date:____/____/_____

Sudoku 4 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1	4	5	3	2	6	8	7	9
9	7	6	4	8	1	3	5	2
8	2	3	5	7	9	1	4	6
2	9	8	7	4	3	6	1	5
5	3	1	9	6	2	4	8	7
7	6	4	1	5	8	9	2	3
6	5	2	8	3	4	7	9	1
3	8	9	2	1	7	5	6	4
4	1	7	6	9	5	2	3	8

2)

8	2	5	9	3	4	6	7	1
1	6	4	8	5	7	9	2	3
3	9	7	6	1	2	8	5	4
6	7	8	3	9	1	5	4	2
2	1	3	4	6	5	7	9	8
5	4	9	2	7	8	3	1	6
7	3	2	5	4	6	1	8	9
9	8	1	7	2	3	4	6	5
4	5	6	1	8	9	2	3	7

3)

6	1	2	3	5	7	4	8	9
9	7	4	1	2	8	3	5	6
3	5	8	6	9	4	7	1	2
7	4	9	5	1	6	8	2	3
5	8	3	7	4	2	9	6	1
1	2	6	9	8	3	5	4	7
4	6	1	8	7	9	2	3	5
2	9	5	4	3	1	6	7	8
8	3	7	2	6	5	1	9	4

4)

5	4	3	9	2	6	7	1	8
8	1	9	3	5	7	2	6	4
6	2	7	4	8	1	5	9	3
9	6	5	8	3	4	1	2	7
4	3	2	7	1	5	9	8	6
1	7	8	6	9	2	3	4	5
7	9	1	5	6	8	4	3	2
2	8	4	1	7	3	6	5	9
3	5	6	2	4	9	8	7	1

5)

2	5	4	3	8	9	7	1	6
9	1	7	2	4	6	8	5	3
8	6	3	5	7	1	2	9	4
3	7	9	4	5	2	6	8	1
4	2	6	9	1	8	5	3	7
5	8	1	7	6	3	4	2	9
7	3	2	6	9	5	1	4	8
6	9	8	1	2	4	3	7	5
1	4	5	8	3	7	9	6	2

6)

2	9	4	6	7	1	3	5	8
6	3	1	2	8	5	4	7	9
5	8	7	9	3	4	2	6	1
8	6	2	7	1	9	5	4	3
4	1	5	3	6	8	7	9	2
3	7	9	5	4	2	1	8	6
9	2	3	8	5	7	6	1	4
7	4	8	1	2	6	9	3	5
1	5	6	4	9	3	8	2	7

Name:_____ Class:_____ Date:____/____/_____

Sudoku 5 Easy

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

2	5	1	8	3	6	9	7	4
9	4	3	2	5	7	6	8	1
7	6	8	9	4	1	5	3	2
1	7	9	4	2	5	8	6	3
8	3	4	7	6	9	2	1	5
6	2	5	1	8	3	7	4	9
3	1	2	6	9	8	4	5	7
5	9	6	3	7	4	1	2	8
4	8	7	5	1	2	3	9	6

2)

3	7	1	9	6	8	4	5	2
8	5	4	1	2	3	6	7	9
2	6	9	5	4	7	1	3	8
1	8	6	2	3	9	5	4	7
5	3	7	8	1	4	2	9	6
9	4	2	7	5	6	8	1	3
6	2	5	3	9	1	7	8	4
7	1	3	4	8	2	9	6	5
4	9	8	6	7	5	3	2	1

3)

1	7	5	4	2	8	6	3	9
6	9	3	5	7	1	8	2	4
4	2	8	3	6	9	1	7	5
3	6	1	9	8	7	4	5	2
7	5	2	6	1	4	3	9	8
9	8	4	2	5	3	7	1	6
2	3	9	7	4	6	5	8	1
5	1	6	8	3	2	9	4	7
8	4	7	1	9	5	2	6	3

4)

3	9	5	2	4	7	6	8	1
2	4	8	6	1	9	5	3	7
6	7	1	5	8	3	9	4	2
5	2	7	9	6	8	4	1	3
4	8	3	7	5	1	2	6	9
9	1	6	4	3	2	8	7	5
1	3	2	8	9	6	7	5	4
7	6	4	3	2	5	1	9	8
8	5	9	1	7	4	3	2	6

5)

3	1	2	4	6	5	9	8	7
9	8	5	2	7	3	4	6	1
4	6	7	8	1	9	5	3	2
1	2	6	9	5	7	3	4	8
5	3	8	6	4	1	2	7	9
7	9	4	3	8	2	6	1	5
2	7	1	5	3	6	8	9	4
8	5	3	1	9	4	7	2	6
6	4	9	7	2	8	1	5	3

6)

4	6	5	1	8	9	2	3	7
2	3	7	4	6	5	8	1	9
8	9	1	3	2	7	5	4	6
3	4	8	2	1	6	7	9	5
5	1	6	9	7	3	4	2	8
7	2	9	8	5	4	1	6	3
9	5	3	7	4	1	6	8	2
6	8	4	5	9	2	3	7	1
1	7	2	6	3	8	9	5	4

Name:_____ Class:_____ Date:____/____/_____

Sudoku 6 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

3	6	2	4	9	8	5	7	1
9	4	7	3	5	1	8	6	2
5	1	8	7	2	6	9	3	4
7	2	1	5	6	9	3	4	8
4	8	5	2	1	3	7	9	6
6	9	3	8	4	7	1	2	5
2	3	6	9	8	5	4	1	7
1	5	9	6	7	4	2	8	3
8	7	4	1	3	2	6	5	9

2)

7	3	5	8	1	2	4	9	6
6	4	9	7	5	3	1	8	2
2	1	8	4	9	6	7	3	5
9	7	4	2	3	5	6	1	8
3	6	1	9	7	8	5	2	4
5	8	2	1	6	4	9	7	3
8	9	6	5	2	7	3	4	1
1	2	3	6	4	9	8	5	7
4	5	7	3	8	1	2	6	9

3)

1	3	6	5	7	4	2	9	8
5	2	8	3	9	6	1	7	4
7	9	4	8	2	1	5	3	6
4	7	2	6	5	3	8	1	9
3	6	5	9	1	8	4	2	7
8	1	9	7	4	2	3	6	5
9	5	3	2	8	7	6	4	1
2	8	1	4	6	9	7	5	3
6	4	7	1	3	5	9	8	2

4)

6	5	4	8	7	9	2	1	3
9	7	8	3	1	2	5	6	4
3	1	2	6	4	5	7	9	8
2	6	9	4	3	1	8	7	5
7	8	3	2	5	6	9	4	1
5	4	1	7	9	8	3	2	6
4	2	6	9	8	3	1	5	7
1	3	7	5	2	4	6	8	9
8	9	5	1	6	7	4	3	2

5)

6	1	2	3	7	9	8	4	5
7	9	3	8	5	4	2	1	6
8	5	4	6	1	2	3	9	7
5	3	8	1	6	7	9	2	4
1	4	9	2	8	5	7	6	3
2	6	7	9	4	3	1	5	8
3	8	1	5	9	6	4	7	2
9	7	6	4	2	8	5	3	1
4	2	5	7	3	1	6	8	9

6)

8	7	9	6	4	3	5	1	2
2	1	5	8	9	7	6	4	3
6	4	3	2	1	5	8	7	9
7	5	1	3	2	6	9	8	4
3	6	4	7	8	9	1	2	5
9	2	8	4	5	1	3	6	7
1	8	7	9	3	4	2	5	6
5	3	6	1	7	2	4	9	8
4	9	2	5	6	8	7	3	1

Name:_____ Class:_____ Date:____/____/_____

Sudoku 7 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

9	4	7	6	5	3	8	2	1
3	5	8	2	9	1	4	6	7
6	1	2	7	4	8	5	9	3
7	8	1	9	3	2	6	5	4
4	2	9	5	7	6	3	1	8
5	3	6	8	1	4	9	7	2
8	6	5	4	2	7	1	3	9
1	7	4	3	6	9	2	8	5
2	9	3	1	8	5	7	4	6

2)

7	2	6	8	9	1	4	5	3
1	3	4	5	6	2	7	9	8
9	5	8	4	7	3	2	1	6
4	9	5	7	2	8	3	6	1
3	8	1	9	4	6	5	2	7
6	7	2	1	3	5	8	4	9
8	6	9	2	5	7	1	3	4
2	1	3	6	8	4	9	7	5
5	4	7	3	1	9	6	8	2

3)

3	9	8	4	6	5	7	1	2
4	7	5	3	2	1	8	6	9
1	2	6	9	8	7	3	5	4
8	5	2	1	3	4	6	9	7
9	6	3	8	7	2	1	4	5
7	4	1	6	5	9	2	3	8
5	3	4	7	1	8	9	2	6
2	1	7	5	9	6	4	8	3
6	8	9	2	4	3	5	7	1

4)

9	4	8	1	3	6	5	2	7
3	2	5	9	4	7	1	6	8
6	7	1	2	8	5	3	4	9
5	9	2	8	1	4	7	3	6
7	3	6	5	2	9	4	8	1
8	1	4	6	7	3	2	9	5
4	5	3	7	9	8	6	1	2
1	6	9	3	5	2	8	7	4
2	8	7	4	6	1	9	5	3

5)

4	5	6	3	7	1	2	9	8
1	8	7	5	9	2	6	4	3
3	2	9	4	8	6	5	1	7
7	3	2	6	1	4	9	8	5
6	4	8	7	5	9	1	3	2
5	9	1	2	3	8	7	6	4
8	1	3	9	2	5	4	7	6
9	6	5	8	4	7	3	2	1
2	7	4	1	6	3	8	5	9

6)

6	1	3	7	4	5	9	8	2
2	9	4	6	3	8	7	5	1
7	5	8	1	2	9	3	6	4
3	2	9	8	1	4	6	7	5
1	7	5	3	9	6	4	2	8
4	8	6	5	7	2	1	3	9
5	6	1	4	8	3	2	9	7
8	4	2	9	6	7	5	1	3
9	3	7	2	5	1	8	4	6

Name:_____ Class:_____ Date:____/____/_____

Sudoku 8 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

3	4	8	7	1	9	6	2	5
2	5	6	8	4	3	9	1	7
7	1	9	5	2	6	4	8	3
4	8	5	9	3	2	1	7	6
1	6	7	4	5	8	3	9	2
9	3	2	6	7	1	8	5	4
6	9	3	2	8	7	5	4	1
5	2	1	3	9	4	7	6	8
8	7	4	1	6	5	2	3	9

2)

4	6	3	1	5	9	7	8	2
7	1	8	2	6	4	3	9	5
5	2	9	8	3	7	4	1	6
6	5	4	7	1	8	2	3	9
3	9	7	6	4	2	1	5	8
2	8	1	3	9	5	6	7	4
8	3	5	4	7	6	9	2	1
1	4	2	9	8	3	5	6	7
9	7	6	5	2	1	8	4	3

3)

2	6	1	8	7	5	4	3	9
3	4	5	9	2	1	7	8	6
9	8	7	6	3	4	2	5	1
5	3	9	2	8	7	6	1	4
8	7	6	1	4	3	5	9	2
1	2	4	5	9	6	8	7	3
7	1	3	4	5	2	9	6	8
6	9	2	7	1	8	3	4	5
4	5	8	3	6	9	1	2	7

4)

9	1	4	3	7	5	6	8	2
7	5	8	2	9	6	4	3	1
3	2	6	1	4	8	7	9	5
1	8	7	9	3	4	2	5	6
6	9	3	7	5	2	8	1	4
5	4	2	6	8	1	3	7	9
4	3	1	8	6	9	5	2	7
2	7	5	4	1	3	9	6	8
8	6	9	5	2	7	1	4	3

5)

1	5	7	3	9	6	2	4	8
8	6	4	2	7	1	5	9	3
3	2	9	5	8	4	6	7	1
7	3	5	4	6	8	9	1	2
6	8	2	1	5	9	7	3	4
9	4	1	7	2	3	8	5	6
2	7	3	6	4	5	1	8	9
4	9	6	8	1	7	3	2	5
5	1	8	9	3	2	4	6	7

6)

7	3	8	1	4	5	6	9	2
2	4	9	3	6	7	5	8	1
1	6	5	2	8	9	4	3	7
6	8	3	4	2	1	7	5	9
5	7	4	8	9	3	2	1	6
9	1	2	7	5	6	8	4	3
8	9	6	5	3	2	1	7	4
4	2	7	9	1	8	3	6	5
3	5	1	6	7	4	9	2	8

Name:_____ Class:_____ Date:____/____/_____

Sudoku 9 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

6	1	5	8	9	4	3	7	2
4	9	7	3	6	2	5	8	1
8	2	3	1	7	5	6	4	9
5	7	9	4	3	8	2	1	6
2	3	6	5	1	7	4	9	8
1	4	8	9	2	6	7	5	3
9	5	2	7	8	3	1	6	4
7	6	1	2	4	9	8	3	5
3	8	4	6	5	1	9	2	7

2)

8	5	4	3	2	7	1	6	9
6	9	3	1	8	4	7	5	2
2	1	7	6	5	9	3	8	4
4	7	6	9	1	3	8	2	5
5	8	9	7	6	2	4	1	3
3	2	1	5	4	8	6	9	7
7	4	5	8	9	1	2	3	6
1	6	2	4	3	5	9	7	8
9	3	8	2	7	6	5	4	1

3)

3	8	9	1	7	5	2	6	4
7	6	5	4	3	2	8	9	1
2	4	1	9	6	8	5	3	7
6	3	7	5	8	4	9	1	2
4	1	2	6	9	7	3	8	5
9	5	8	2	1	3	4	7	6
5	7	6	3	2	9	1	4	8
8	9	4	7	5	1	6	2	3
1	2	3	8	4	6	7	5	9

4)

8	9	6	5	3	7	4	1	2
3	1	7	8	2	4	5	6	9
4	5	2	1	9	6	8	7	3
1	4	9	2	7	8	3	5	6
7	2	3	4	6	5	1	9	8
6	8	5	9	1	3	2	4	7
5	3	1	6	8	9	7	2	4
9	7	4	3	5	2	6	8	1
2	6	8	7	4	1	9	3	5

5)

6	3	7	9	4	2	5	8	1
8	5	1	7	6	3	9	2	4
4	9	2	8	1	5	6	3	7
1	2	5	6	3	4	7	9	8
9	6	3	1	7	8	2	4	5
7	4	8	2	5	9	3	1	6
5	7	9	4	2	1	8	6	3
2	1	6	3	8	7	4	5	9
3	8	4	5	9	6	1	7	2

6)

3	2	4	9	7	8	1	5	6
5	7	9	3	6	1	8	2	4
6	1	8	2	4	5	7	9	3
1	8	3	6	2	7	9	4	5
4	5	2	8	1	9	3	6	7
9	6	7	5	3	4	2	1	8
7	3	1	4	9	6	5	8	2
2	4	5	1	8	3	6	7	9
8	9	6	7	5	2	4	3	1

Name:_____ Class:_____ Date:____/____/_____

Sudoku 10 Medium

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

4	7	3	8	9	5	1	6	2
9	1	6	2	4	3	7	8	5
2	8	5	1	6	7	4	3	9
8	6	2	5	1	9	3	7	4
1	4	7	3	2	8	5	9	6
5	3	9	4	7	6	2	1	8
6	5	8	7	3	2	9	4	1
7	2	4	9	8	1	6	5	3
3	9	1	6	5	4	8	2	7

2)

5	7	4	1	2	6	9	8	3
6	2	1	3	9	8	7	5	4
8	9	3	5	7	4	2	6	1
7	6	8	9	4	1	3	2	5
2	3	5	8	6	7	1	4	9
1	4	9	2	5	3	6	7	8
3	5	7	4	1	2	8	9	6
4	1	6	7	8	9	5	3	2
9	8	2	6	3	5	4	1	7

3)

1	4	5	7	8	2	3	6	9
3	9	6	5	1	4	7	8	2
7	2	8	6	3	9	5	1	4
6	5	3	1	4	7	2	9	8
2	8	1	9	6	5	4	3	7
9	7	4	3	2	8	1	5	6
4	6	9	2	5	1	8	7	3
5	3	2	8	7	6	9	4	1
8	1	7	4	9	3	6	2	5

4)

6	2	8	5	4	7	3	9	1
9	7	1	8	3	2	6	4	5
3	5	4	9	1	6	2	7	8
7	3	9	4	5	8	1	2	6
4	6	2	1	7	3	8	5	9
8	1	5	6	2	9	4	3	7
5	4	7	3	8	1	9	6	2
1	9	3	2	6	5	7	8	4
2	8	6	7	9	4	5	1	3

5)

8	1	4	7	2	3	5	6	9
2	6	5	9	4	8	7	3	1
3	9	7	1	6	5	4	2	8
1	7	3	4	9	2	8	5	6
6	8	9	3	5	1	2	7	4
4	5	2	8	7	6	1	9	3
5	3	6	2	1	4	9	8	7
9	2	1	6	8	7	3	4	5
7	4	8	5	3	9	6	1	2

6)

8	7	4	5	9	3	6	2	1
9	1	6	7	2	8	4	3	5
3	5	2	1	6	4	7	8	9
5	2	9	6	4	1	3	7	8
1	8	3	2	5	7	9	6	4
6	4	7	3	8	9	5	1	2
4	6	5	8	3	2	1	9	7
7	9	8	4	1	6	2	5	3
2	3	1	9	7	5	8	4	6

Name:_____ Class:_____ Date:____/____/_____

Sudoku 11 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

3	9	2	4	1	5	8	6	7
4	7	8	2	3	6	5	9	1
6	1	5	9	8	7	2	3	4
7	8	3	5	2	4	9	1	6
2	6	4	7	9	1	3	5	8
9	5	1	8	6	3	4	7	2
8	2	7	1	5	9	6	4	3
5	4	6	3	7	8	1	2	9
1	3	9	6	4	2	7	8	5

2)

2	4	7	1	5	8	6	3	9
1	8	9	4	6	3	5	7	2
5	3	6	9	2	7	4	1	8
7	6	5	8	1	2	3	9	4
4	2	8	5	3	9	7	6	1
9	1	3	6	7	4	2	8	5
3	5	4	7	9	1	8	2	6
8	7	1	2	4	6	9	5	3
6	9	2	3	8	5	1	4	7

3)

9	1	6	7	5	4	8	3	2
3	8	5	6	1	2	7	4	9
7	4	2	8	9	3	5	1	6
2	9	1	4	6	8	3	7	5
8	3	7	5	2	9	4	6	1
5	6	4	3	7	1	2	9	8
4	2	8	9	3	6	1	5	7
6	5	3	1	8	7	9	2	4
1	7	9	2	4	5	6	8	3

4)

4	6	7	2	5	1	3	9	8
1	8	9	4	7	3	6	5	2
3	5	2	8	6	9	4	7	1
6	2	8	1	9	7	5	4	3
7	3	1	5	2	4	8	6	9
5	9	4	3	8	6	2	1	7
2	4	3	9	1	5	7	8	6
9	7	5	6	3	8	1	2	4
8	1	6	7	4	2	9	3	5

5)

6	4	2	8	1	9	7	5	3
7	5	1	6	2	3	4	9	8
9	3	8	7	5	4	2	6	1
3	7	9	5	4	6	1	8	2
1	2	4	3	9	8	5	7	6
5	8	6	2	7	1	3	4	9
2	1	7	9	6	5	8	3	4
8	6	5	4	3	2	9	1	7
4	9	3	1	8	7	6	2	5

6)

2	7	6	1	8	5	4	9	3
5	1	3	9	7	4	8	6	2
9	4	8	6	3	2	5	7	1
8	2	5	3	1	7	6	4	9
3	9	1	4	6	8	7	2	5
4	6	7	2	5	9	1	3	8
7	5	4	8	2	3	9	1	6
6	8	2	7	9	1	3	5	4
1	3	9	5	4	6	2	8	7

Name:_____ Class:_____ Date:____/____/_____

Sudoku 12 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1	3	5	4	6	8	2	9	7
7	2	6	1	5	9	8	3	4
4	9	8	2	7	3	5	6	1
3	7	2	8	4	5	9	1	6
5	6	1	7	9	2	3	4	8
9	8	4	3	1	6	7	5	2
8	5	9	6	2	1	4	7	3
6	4	3	9	8	7	1	2	5
2	1	7	5	3	4	6	8	9

2)

4	6	8	5	9	3	1	7	2
9	3	2	7	4	1	8	5	6
1	5	7	6	8	2	4	9	3
5	1	4	8	2	6	7	3	9
7	8	6	3	5	9	2	4	1
2	9	3	1	7	4	6	8	5
8	2	1	4	3	5	9	6	7
6	4	5	9	1	7	3	2	8
3	7	9	2	6	8	5	1	4

3)

2	1	6	9	5	7	8	3	4
8	5	7	1	3	4	6	9	2
9	3	4	2	6	8	7	5	1
7	2	1	5	4	9	3	6	8
6	4	8	7	2	3	5	1	9
5	9	3	6	8	1	4	2	7
4	6	2	8	9	5	1	7	3
1	8	9	3	7	6	2	4	5
3	7	5	4	1	2	9	8	6

4)

4	1	9	2	5	6	8	7	3
7	5	2	3	8	1	6	4	9
6	3	8	9	4	7	2	1	5
1	9	4	7	2	5	3	6	8
5	7	6	1	3	8	9	2	4
2	8	3	4	6	9	1	5	7
3	6	5	8	1	4	7	9	2
9	2	1	5	7	3	4	8	6
8	4	7	6	9	2	5	3	1

5)

1	6	3	8	9	4	2	5	7
2	7	5	1	3	6	4	8	9
8	9	4	7	2	5	1	6	3
9	8	7	3	5	1	6	2	4
4	5	2	6	8	9	7	3	1
3	1	6	4	7	2	5	9	8
7	2	1	9	6	8	3	4	5
6	3	8	5	4	7	9	1	2
5	4	9	2	1	3	8	7	6

6)

3	9	5	4	8	7	6	2	1
8	1	2	5	6	3	9	7	4
7	4	6	9	2	1	3	8	5
9	3	8	2	5	4	7	1	6
5	2	7	6	1	9	4	3	8
1	6	4	7	3	8	5	9	2
4	5	9	8	7	2	1	6	3
6	8	3	1	9	5	2	4	7
2	7	1	3	4	6	8	5	9

Name:_____ Class:_____ Date:____/____/_____

Sudoku 13 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

5	1	9	3	2	4	8	7	6
8	7	3	5	9	6	1	4	2
2	6	4	1	8	7	3	5	9
7	5	8	2	4	1	9	6	3
1	3	2	7	6	9	5	8	4
9	4	6	8	3	5	2	1	7
4	2	1	6	5	3	7	9	8
3	9	7	4	1	8	6	2	5
6	8	5	9	7	2	4	3	1

2)

8	4	3	1	5	9	2	6	7
9	2	7	4	3	6	1	5	8
1	5	6	2	7	8	9	4	3
7	9	2	3	8	5	6	1	4
4	1	5	7	6	2	8	3	9
6	3	8	9	4	1	5	7	2
2	7	1	6	9	4	3	8	5
5	6	4	8	2	3	7	9	1
3	8	9	5	1	7	4	2	6

3)

7	3	8	5	6	4	1	2	9
2	6	1	8	9	7	3	5	4
9	5	4	2	1	3	7	8	6
5	4	6	9	2	1	8	3	7
1	7	3	6	4	8	5	9	2
8	9	2	7	3	5	6	4	1
6	1	5	4	8	2	9	7	3
4	8	9	3	7	6	2	1	5
3	2	7	1	5	9	4	6	8

4)

8	7	9	2	6	1	5	3	4
5	3	1	8	7	4	6	9	2
4	6	2	9	3	5	1	8	7
9	4	5	6	8	3	7	2	1
6	1	7	4	2	9	8	5	3
3	2	8	1	5	7	9	4	6
2	9	3	7	1	8	4	6	5
7	8	6	5	4	2	3	1	9
1	5	4	3	9	6	2	7	8

5)

8	4	6	3	9	7	1	5	2
2	9	5	1	6	4	7	3	8
7	1	3	8	5	2	6	9	4
5	3	8	7	2	6	4	1	9
1	6	4	5	8	9	3	2	7
9	7	2	4	1	3	5	8	6
4	5	9	2	7	1	8	6	3
3	2	1	6	4	8	9	7	5
6	8	7	9	3	5	2	4	1

6)

1	3	4	2	5	9	6	8	7
5	6	7	3	4	8	1	2	9
2	9	8	7	6	1	3	5	4
6	5	2	1	7	4	8	9	3
9	4	3	5	8	2	7	1	6
8	7	1	6	9	3	2	4	5
3	8	6	4	1	5	9	7	2
7	1	5	9	2	6	4	3	8
4	2	9	8	3	7	5	6	1

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Sudoku 14 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

6	7	8	1	5	9	3	2	4
5	3	1	6	4	2	9	8	7
2	4	9	7	3	8	5	6	1
1	2	4	9	8	6	7	3	5
9	5	7	4	2	3	8	1	6
3	8	6	5	7	1	4	9	2
7	1	2	3	9	4	6	5	8
8	9	5	2	6	7	1	4	3
4	6	3	8	1	5	2	7	9

2)

3	7	2	6	4	1	9	8	5
8	9	6	7	3	5	4	1	2
5	4	1	8	2	9	3	7	6
1	8	7	4	6	2	5	3	9
9	3	4	5	7	8	2	6	1
2	6	5	1	9	3	7	4	8
6	2	8	3	5	7	1	9	4
7	1	9	2	8	4	6	5	3
4	5	3	9	1	6	8	2	7

3)

6	9	4	2	3	1	5	8	7
1	5	3	6	8	7	2	4	9
7	2	8	4	9	5	3	1	6
2	3	7	9	6	8	1	5	4
8	4	9	5	1	2	7	6	3
5	6	1	7	4	3	8	9	2
3	1	6	8	7	4	9	2	5
9	7	5	1	2	6	4	3	8
4	8	2	3	5	9	6	7	1

4)

2	4	8	6	3	9	7	1	5
7	9	1	2	8	5	6	3	4
3	6	5	4	7	1	9	2	8
8	3	2	1	5	7	4	6	9
5	7	4	3	9	6	2	8	1
9	1	6	8	4	2	5	7	3
1	2	3	5	6	4	8	9	7
6	5	7	9	1	8	3	4	2
4	8	9	7	2	3	1	5	6

5)

1	8	4	5	9	3	2	6	7
3	9	5	6	2	7	1	8	4
2	7	6	4	1	8	5	9	3
5	4	1	9	8	2	7	3	6
9	2	7	1	3	6	4	5	8
8	6	3	7	4	5	9	1	2
7	5	8	2	6	9	3	4	1
4	3	9	8	7	1	6	2	5
6	1	2	3	5	4	8	7	9

6)

1	9	7	4	3	5	6	8	2
6	5	3	8	2	7	4	9	1
8	2	4	9	6	1	3	5	7
7	6	5	3	1	8	9	2	4
9	1	2	6	5	4	8	7	3
4	3	8	2	7	9	5	1	6
5	4	1	7	8	3	2	6	9
3	8	6	1	9	2	7	4	5
2	7	9	5	4	6	1	3	8

Name:_____ Class:_____ Date:____/____/_____

Sudoku 15 Hard

Fill the grid so that every row, every column and every 3x3 box contains the numbers 1 to 9.

1)

1	7	9	6	2	8	3	4	5
5	2	4	1	9	3	6	7	8
3	8	6	4	5	7	1	2	9
9	5	7	8	4	1	2	6	3
4	1	2	3	6	9	8	5	7
8	6	3	5	7	2	9	1	4
2	4	8	9	1	5	7	3	6
7	3	5	2	8	6	4	9	1
6	9	1	7	3	4	5	8	2

2)

3	5	7	8	2	6	4	9	1
8	1	2	3	9	4	7	6	5
6	9	4	5	7	1	8	2	3
7	8	9	6	4	3	5	1	2
2	4	6	1	5	7	3	8	9
1	3	5	2	8	9	6	7	4
9	7	8	4	3	2	1	5	6
4	2	1	7	6	5	9	3	8
5	6	3	9	1	8	2	4	7

3)

5	9	1	2	6	3	8	4	7
3	2	6	8	7	4	5	9	1
4	8	7	5	1	9	6	3	2
1	3	8	4	2	5	9	7	6
6	4	2	7	9	1	3	8	5
9	7	5	6	3	8	1	2	4
8	5	9	1	4	7	2	6	3
2	1	4	3	8	6	7	5	9
7	6	3	9	5	2	4	1	8

4)

4	7	6	1	9	8	2	5	3
8	3	5	6	7	2	9	1	4
1	9	2	4	5	3	8	7	6
3	1	4	8	6	5	7	2	9
7	6	9	2	1	4	3	8	5
2	5	8	9	3	7	4	6	1
6	8	7	5	4	9	1	3	2
5	4	3	7	2	1	6	9	8
9	2	1	3	8	6	5	4	7

5)

4	3	1	5	7	8	6	9	2
2	5	8	3	9	6	4	7	1
9	7	6	2	4	1	5	3	8
6	8	4	7	5	2	3	1	9
1	2	5	6	3	9	8	4	7
3	9	7	8	1	4	2	6	5
8	6	9	4	2	7	1	5	3
7	4	3	1	8	5	9	2	6
5	1	2	9	6	3	7	8	4

6)

9	1	7	8	6	2	5	4	3
2	3	8	9	4	5	6	7	1
6	5	4	7	1	3	8	2	9
8	4	6	3	7	1	2	9	5
7	9	1	2	5	6	4	3	8
3	2	5	4	9	8	7	1	6
1	6	2	5	3	4	9	8	7
5	8	9	1	2	7	3	6	4
4	7	3	6	8	9	1	5	2

Name:_____ Class:_____ Date:____/____/_____

Percent and Decimals

Convert to decimals.

1) $33\frac{2}{4}\%$ = 0.335
2) $61\frac{3}{5}\%$ = 0.616
3) 71% = 0.71
4) $59\frac{1}{2}\%$ = 0.595
5) 35% = 0.35
6) $80\frac{2}{4}\%$ = 0.805
7) $26\frac{1}{5}\%$ = 0.262
8) $73\frac{1}{2}\%$ = 0.735
9) $74\frac{1}{10}\%$ = 0.741
10) 93% = 0.93
11) $39\frac{1}{4}\%$ = 0.392
12) $39\frac{7}{10}\%$ = 0.397
13) $46\frac{1}{2}\%$ = 0.465
14) $54\frac{2}{5}\%$ = 0.544
15) 23% = 0.23
16) $9\frac{3}{10}\%$ = 0.093
17) $2\frac{3}{4}\%$ = 0.028
18) $10\frac{2}{5}\%$ = 0.104
19) $3\frac{1}{2}\%$ = 0.035
20) $24\frac{2}{4}\%$ = 0.245
21) $68\frac{1}{2}\%$ = 0.685
22) $91\frac{8}{10}\%$ = 0.918
23) 16% = 0.16
24) $25\frac{1}{5}\%$ = 0.252
25) $35\frac{1}{2}\%$ = 0.355
26) 40% = 0.4
27) $52\frac{3}{5}\%$ = 0.526
28) $59\frac{2}{4}\%$ = 0.595
29) $17\frac{8}{10}\%$ = 0.178
30) $72\frac{2}{4}\%$ = 0.725
31) $31\frac{8}{10}\%$ = 0.318
32) 64% = 0.64
33) $8\frac{1}{2}\%$ = 0.085
34) $48\frac{3}{5}\%$ = 0.486
35) $97\frac{2}{5}\%$ = 0.974
36) $100\frac{1}{2}\%$ = 1.005
37) $84\frac{1}{4}\%$ = 0.842
38) $46\frac{7}{10}\%$ = 0.467
39) 31% = 0.31
40) $41\frac{9}{10}\%$ = 0.419
41) 49% = 0.49
42) $22\frac{1}{2}\%$ = 0.225
43) $51\frac{1}{4}\%$ = 0.512
44) $40\frac{3}{5}\%$ = 0.406
45) $90\frac{3}{5}\%$ = 0.906
46) $45\frac{1}{2}\%$ = 0.455
47) $56\frac{2}{4}\%$ = 0.565
48) $71\frac{6}{10}\%$ = 0.716
49) $63\frac{1}{2}\%$ = 0.635
50) $39\frac{2}{10}\%$ = 0.392
51) 92% = 0.92
52) $25\frac{3}{4}\%$ = 0.258
53) $8\frac{3}{10}\%$ = 0.083
54) 7% = 0.07
55) $87\frac{1}{2}\%$ = 0.875
56) $6\frac{2}{5}\%$ = 0.064
57) 39% = 0.39
58) $50\frac{3}{10}\%$ = 0.503
59) $80\frac{1}{2}\%$ = 0.805
60) $24\frac{2}{5}\%$ = 0.244

Name:_____ Class:_____ Date:____/____/_____

Percent and Decimals

Convert to percentages.

1) 0.518 = $51\frac{3}{4}$%
2) 0.064 = $6\frac{2}{5}$%
3) 0.785 = $78\frac{1}{2}$%
4) 0.202 = $20\frac{1}{4}$%
5) 0.545 = $54\frac{5}{10}$%
6) 0.41 = 41%
7) 0.518 = $51\frac{8}{10}$%
8) 0.272 = $27\frac{1}{5}$%
9) 0.842 = $84\frac{1}{4}$%
10) 0.595 = $59\frac{1}{2}$%
11) 0.48 = 48%
12) 0.566 = $56\frac{6}{10}$%
13) 0.65 = 65%
14) 0.505 = $50\frac{2}{4}$%
15) 0.842 = $84\frac{1}{5}$%
16) 0.352 = $35\frac{2}{10}$%
17) 0.73 = 73%
18) 0.565 = $56\frac{1}{2}$%
19) 0.126 = $12\frac{3}{5}$%
20) 0.338 = $33\frac{3}{4}$%
21) 0.158 = $15\frac{3}{4}$%
22) 0.735 = $73\frac{1}{2}$%
23) 0.766 = $76\frac{3}{5}$%
24) 0.468 = $46\frac{8}{10}$%
25) 0.27 = 27%
26) 1.004 = $100\frac{2}{5}$%
27) 0.672 = $67\frac{2}{10}$%
28) 0.225 = $22\frac{2}{4}$%
29) 0.775 = $77\frac{1}{2}$%
30) 0.91 = 91%
31) 0.124 = $12\frac{2}{5}$%
32) 0.922 = $92\frac{1}{4}$%
33) 0.994 = $99\frac{4}{10}$%
34) 0.94 = 94%
35) 0.205 = $20\frac{1}{2}$%
36) 0.695 = $69\frac{1}{2}$%
37) 0.642 = $64\frac{1}{5}$%
38) 0.395 = $39\frac{5}{10}$%
39) 0.155 = $15\frac{2}{4}$%
40) 0.1 = 10%
41) 0.766 = $76\frac{6}{10}$%
42) 0.862 = $86\frac{1}{4}$%
43) 0.136 = $13\frac{3}{5}$%
44) 0.245 = $24\frac{1}{2}$%
45) 0.5 = 50%
46) 0.552 = $55\frac{1}{5}$%
47) 0.962 = $96\frac{1}{4}$%
48) 0.803 = $80\frac{3}{10}$%
49) 0.22 = 22%
50) 0.555 = $55\frac{1}{2}$%
51) 0.988 = $98\frac{4}{5}$%
52) 0.365 = $36\frac{1}{2}$%
53) 0.562 = $56\frac{1}{4}$%
54) 0.788 = $78\frac{8}{10}$%
55) 0.638 = $63\frac{3}{4}$%
56) 0.962 = $96\frac{2}{10}$%
57) 0.068 = $6\frac{4}{5}$%
58) 0.57 = 57%
59) 0.015 = $1\frac{1}{2}$%
60) 0.05 = 5%

Name:_____ Class:_____ Date:____/____/_____

Percent and Decimals

Convert to percentages or decimals.

1) 0.055 = $5\frac{1}{2}$%
2) 0.32 = 32%
3) $4\frac{2}{4}$% = 0.045
4) 0.884 = $88\frac{2}{5}$%
5) $5\frac{4}{10}$% = 0.054
6) 0.62 = 62%
7) $16\frac{2}{4}$% = 0.165
8) 0.948 = $94\frac{4}{5}$%
9) 0.685 = $68\frac{1}{2}$%
10) 0.575 = $57\frac{1}{2}$%
11) 0.406 = $40\frac{6}{10}$%
12) $30\frac{3}{4}$% = 0.308
13) 0.36 = 36%
14) 0.786 = $78\frac{3}{5}$%
15) $53\frac{3}{5}$% = 0.536
16) $40\frac{1}{4}$% = 0.402
17) 0.19 = 19%
18) 0.515 = $51\frac{1}{2}$%
19) 1.002 = $100\frac{2}{10}$%
20) 0.678 = $67\frac{3}{4}$%
21) $30\frac{5}{10}$% = 0.305
22) 0.61 = 61%
23) 0.528 = $52\frac{4}{5}$%
24) 16% = 0.16
25) $67\frac{1}{2}$% = 0.675
26) $92\frac{1}{4}$% = 0.922
27) 0.489 = $48\frac{9}{10}$%
28) $21\frac{2}{5}$% = 0.214
29) 0.615 = $61\frac{1}{2}$%
30) $75\frac{1}{5}$% = 0.752
31) 0.01 = 1%
32) 0.544 = $54\frac{4}{10}$%
33) $10\frac{1}{4}$% = 0.102
34) 100% = 1
35) 0.952 = $95\frac{2}{10}$%
36) $12\frac{2}{4}$% = 0.125
37) 0.385 = $38\frac{1}{2}$%
38) $34\frac{1}{5}$% = 0.342
39) $50\frac{3}{5}$% = 0.506
40) 0.908 = $90\frac{3}{4}$%
41) 0.02 = 2%
42) 0.799 = $79\frac{9}{10}$%
43) $20\frac{1}{2}$% = 0.205
44) 35% = 0.35
45) $93\frac{1}{4}$% = 0.932
46) $98\frac{1}{5}$% = 0.982
47) 0.194 = $19\frac{4}{10}$%
48) 0.432 = $43\frac{1}{4}$%
49) $50\frac{1}{2}$% = 0.505
50) 41% = 0.41
51) 0.212 = $21\frac{1}{5}$%
52) $57\frac{3}{4}$% = 0.578
53) $5\frac{2}{5}$% = 0.054
54) $90\frac{2}{10}$% = 0.902
55) $79\frac{1}{2}$% = 0.795
56) $40\frac{5}{10}$% = 0.405
57) 0.496 = $49\frac{3}{5}$%
58) 0.645 = $64\frac{1}{2}$%
59) 0.24 = 24%
60) $81\frac{2}{4}$% = 0.815

Name:_____ Class:_____ Date:____/____/_____

Percent - Advanced

Calculate the given percent of each value. 2 decimal places.

1) 48% of 2 = 0.96
2) 31% of 31 = 9.61
3) 87% of 7 = 6.09
4) 55% of 131 = 72.05
5) 49% of 3 = 1.47
6) 96% of 71 = 68.16
7) 83% of 762 = 632.46
8) 22% of 575 = 126.5
9) 47% of 635 = 298.45
10) 75% of 294 = 220.5
11) 95% of 183 = 173.85
12) 13% of 3 = 0.39
13) 18% of 8 = 1.44
14) 84% of 4 = 3.36
15) 84% of 655 = 550.2
16) 63% of 3 = 1.89
17) 22% of 16 = 3.52
18) 66% of 5 = 3.3
19) 99% of 76 = 75.24
20) 40% of 89 = 35.6
21) 92% of 4 = 3.68
22) 17% of 401 = 68.17
23) 84% of 7 = 5.88
24) 32% of 2 = 0.64
25) 38% of 6 = 2.28
26) 16% of 84 = 13.44
27) 89% of 3 = 2.67
28) 72% of 6 = 4.32
29) 86% of 5 = 4.3
30) 93% of 50 = 46.5
31) 52% of 58 = 30.16
32) 77% of 5 = 3.85
33) 48% of 7 = 3.36
34) 31% of 47 = 14.57
35) 87% of 188 = 163.56
36) 55% of 8 = 4.4
37) 49% of 521 = 255.29
38) 96% of 7 = 6.72
39) 83% of 322 = 267.26
40) 22% of 14 = 3.08
41) 47% of 6 = 2.82
42) 75% of 57 = 42.75
43) 95% of 70 = 66.5
44) 13% of 138 = 17.94
45) 18% of 10 = 1.8
46) 84% of 16 = 13.44
47) 84% of 86 = 72.24
48) 63% of 495 = 311.85
49) 22% of 7 = 1.54
50) 66% of 57 = 37.62
51) 99% of 73 = 72.27
52) 40% of 3 = 1.2
53) 92% of 68 = 62.56
54) 17% of 859 = 146.03
55) 84% of 338 = 283.92
56) 63% of 963 = 606.69
57) 32% of 492 = 157.44

Name:_____ Class:_____ Date:____/____/_____

Percent - Basic

Calculate the given percent of each value.

1) 20% of 82 = 16.4
2) 90% of 58 = 52.2
3) 25% of 50 = 12.5
4) 60% of 467 = 280.2
5) 75% of 764 = 573
6) 10% of 885 = 88.5
7) 80% of 574 = 459.2
8) 90% of 840 = 756
9) 5% of 884 = 44.2
10) 25% of 9 = 2.25
11) 70% of 929 = 650.3
12) 50% of 2 = 1
13) 20% of 606 = 121.2
14) 80% of 95 = 76
15) 25% of 2 = 0.5
16) 90% of 89 = 80.1
17) 5% of 63 = 3.15
18) 10% of 9 = 0.9
19) 60% of 71 = 42.6
20) 20% of 80 = 16
21) 75% of 6 = 4.5
22) 70% of 68 = 47.6
23) 50% of 977 = 488.5
24) 10% of 2 = 0.2
25) 90% of 1 = 0.9
26) 75% of 94 = 70.5
27) 5% of 55 = 2.75
28) 20% of 374 = 74.8
29) 70% of 100 = 70
30) 60% of 982 = 589.2
31) 25% of 7 = 1.75
32) 80% of 1 = 0.8
33) 10% of 4 = 0.4
34) 60% of 98 = 58.8
35) 20% of 1 = 0.2
36) 5% of 47 = 2.35
37) 90% of 432 = 388.8
38) 70% of 105 = 73.5
39) 75% of 19 = 14.25
40) 25% of 555 = 138.75
41) 80% of 932 = 745.6
42) 50% of 444 = 222
43) 90% of 64 = 57.6
44) 50% of 6 = 3
45) 80% of 548 = 438.4
46) 5% of 234 = 11.7
47) 70% of 4 = 2.8
48) 60% of 574 = 344.4
49) 25% of 4 = 1
50) 75% of 22 = 16.5
51) 20% of 3 = 0.6
52) 10% of 94 = 9.4
53) 80% of 9 = 7.2
54) 5% of 700 = 35
55) 75% of 721 = 540.75
56) 25% of 5 = 1.25
57) 50% of 4 = 2

Name:_____ Class:_____ Date:____/____/_____

Ratio Conversions

Provide the conversions for each ratio.

1)

	Ratio	Fraction	Percent	Decimal
a.	1:3	1/4	25%	0.25
b.	2:3	2/5	40%	0.4
c.	1:2	1/3	33.3%	0.333
d.	4:4	4/8	50%	0.5
e.	3:5	3/8	37.5%	0.375
f.	6:7	6/13	46.2%	0.462
g.	7:9	7/16	43.8%	0.438
h.	8:9	8/17	47.1%	0.471
i.	3:6	3/9	33.3%	0.333
j.	4:9	4/13	30.8%	0.308
k.	2:5	2/7	28.6%	0.286
l.	2:8	2/10	20%	0.2
m.	4:10	4/14	28.6%	0.286
n.	9:10	9/19	47.4%	0.474
o.	1:6	1/7	14.3%	0.143

2)

	Ratio	Fraction	Percent	Decimal
a.	5:6	5/11	45.5%	0.455
b.	6:8	6/14	42.9%	0.429
c.	4:9	4/13	30.8%	0.308
d.	1:1	1/2	50%	0.5
e.	9:10	9/19	47.4%	0.474
f.	6:7	6/13	46.2%	0.462
g.	3:7	3/10	30%	0.3
h.	7:8	7/15	46.7%	0.467
i.	4:6	4/10	40%	0.4
j.	1:4	1/5	20%	0.2
k.	4:8	4/12	33.3%	0.333
l.	6:9	6/15	40%	0.4
m.	2:3	2/5	40%	0.4
n.	3:6	3/9	33.3%	0.333
o.	2:4	2/6	33.3%	0.333

3)

	Ratio	Fraction	Percent	Decimal
a.	5:8	5/13	38.5%	0.385
b.	10:10	10/20	50%	0.5
c.	2:6	2/8	25%	0.25
d.	5:6	5/11	45.5%	0.455
e.	3:5	3/8	37.5%	0.375
f.	4:9	4/13	30.8%	0.308
g.	3:6	3/9	33.3%	0.333
h.	5:7	5/12	41.7%	0.417
i.	3:4	3/7	42.9%	0.429
j.	1:3	1/4	25%	0.25
k.	1:5	1/6	16.7%	0.167
l.	8:9	8/17	47.1%	0.471
m.	6:10	6/16	37.5%	0.375
n.	6:9	6/15	40%	0.4
o.	2:5	2/7	28.6%	0.286

4)

	Ratio	Fraction	Percent	Decimal
a.	3:3	3/6	50%	0.5
b.	2:10	2/12	16.7%	0.167
c.	8:9	8/17	47.1%	0.471
d.	4:10	4/14	28.6%	0.286
e.	5:6	5/11	45.5%	0.455
f.	7:8	7/15	46.7%	0.467
g.	1:5	1/6	16.7%	0.167
h.	2:4	2/6	33.3%	0.333
i.	2:5	2/7	28.6%	0.286
j.	1:3	1/4	25%	0.25
k.	4:5	4/9	44.4%	0.444
l.	1:4	1/5	20%	0.2
m.	4:8	4/12	33.3%	0.333
n.	1:10	1/11	9.1%	0.091
o.	3:4	3/7	42.9%	0.429

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Percent 1

Solve.

1) Brian bought a bicycle that cost $80.00 when it was new. If he eventually sold it for 10% of the original cost, how much was it sold for?

$8.00

2) If the number 90 is decreased by 20%, what is the value of the new number?

72

3) Paul earned $70.00 for a week's work. If he paid 10% of it in taxes how much did he pay in taxes?

$7.00

4) If the number 60 is increased by 20%, what is the value of the new number?

72

5) Marin had a collection of 60 baseball cards. She gave away 20% of them. How many did she have left?

48

6) Sandra bought a jacket for $75.00. If she paid an additional 16% for sales tax, how much in total did she pay for the jacket?

$87.00

7) In a school of 75 students, 16% are boys. How many are boys?

12

8) What is 20% of 35?

7

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Percent 2

Solve.

1) Brian bought a bicycle that cost $40.00 when it was new. If he eventually sold it for 15% of the original cost, how much was it sold for?

$6.00

2) If the number 25 is increased by 20%, what is the value of the new number?

30

3) If the number 100 is decreased by 20%, what is the value of the new number?

80

4) Amy bought a jacket for $50.00. If she paid an additional 20% for sales tax, how much in total did she pay for the jacket?

$60.00

5) Allan earned $80.00 for a week's work. If he paid 15% of it in taxes how much did he pay in taxes?

$12.00

6) What is 20% of 75?

15

7) Jackie had a collection of 50 baseball cards. She gave away 18% of them. How many did she have left?

41

8) In a school of 25 students, 16% are boys. How many are boys?

4

Name:_____ Class:_____ Date:____/____/_____

Word Problems - Percent 3

Solve.

1) Brian earned $90.00 for a week's work. If he paid 10% of it in taxes how much did he pay in taxes?

$9.00

2) If the number 70 is decreased by 20%, what is the value of the new number?

56

3) Michele bought a jacket for $70.00. If she paid an additional 10% for sales tax, how much in total did she pay for the jacket?

$77.00

4) If the number 40 is increased by 15%, what is the value of the new number?

46

5) Paul bought a bicycle that cost $35.00 when it was new. If he eventually sold it for 20% of the original cost, how much was it sold for?

$7.00

6) Amy had a collection of 50 baseball cards. She gave away 18% of them. How many did she have left?

41

7) In a school of 100 students, 16% are boys. How many are boys?

16

8) What is 20% of 55?

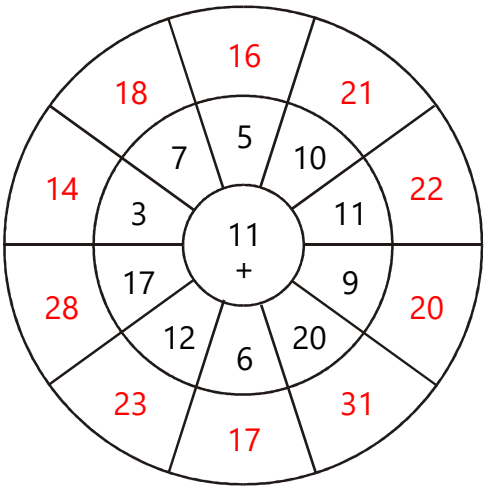
11

Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 1

Add.

1)



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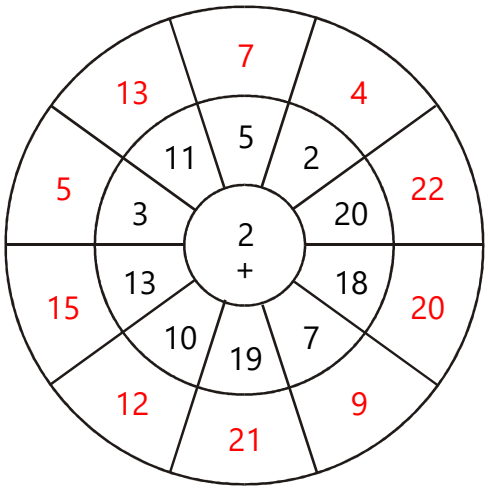

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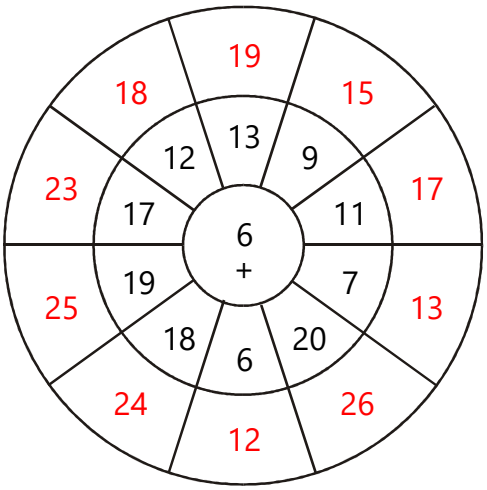

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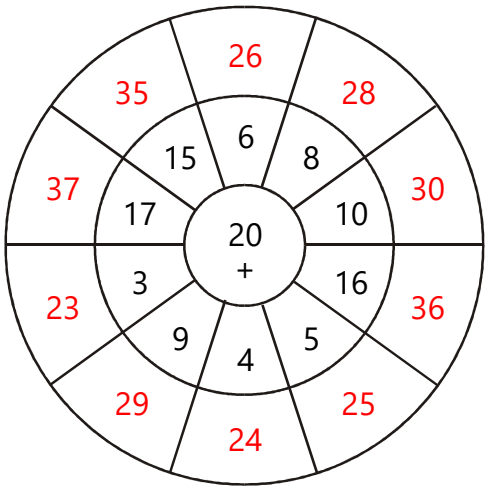

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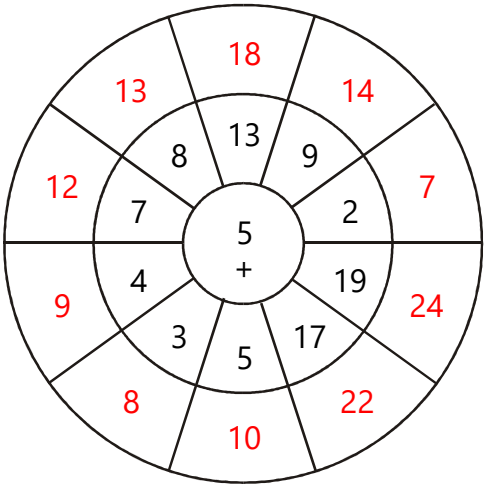

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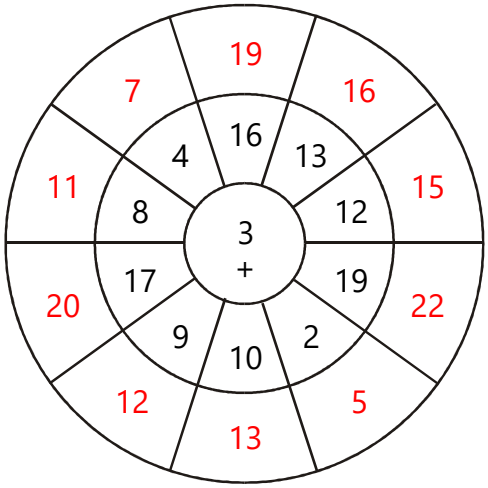
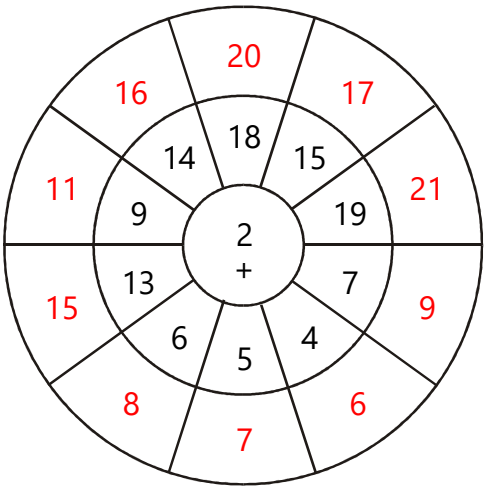


Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 2

Add.

1)



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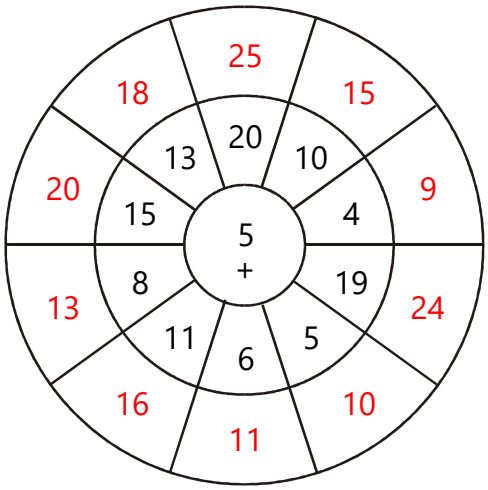

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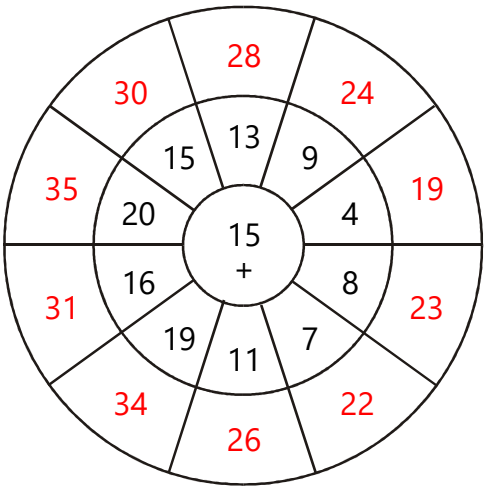

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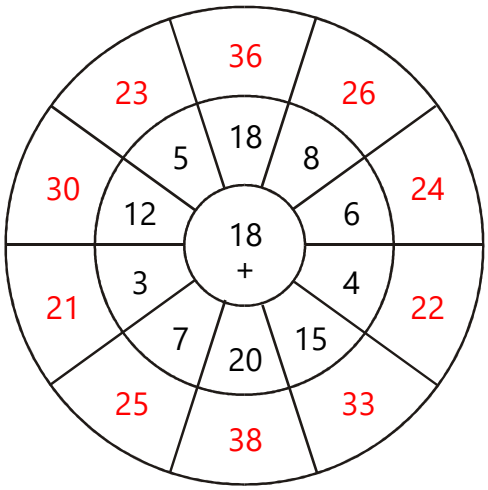

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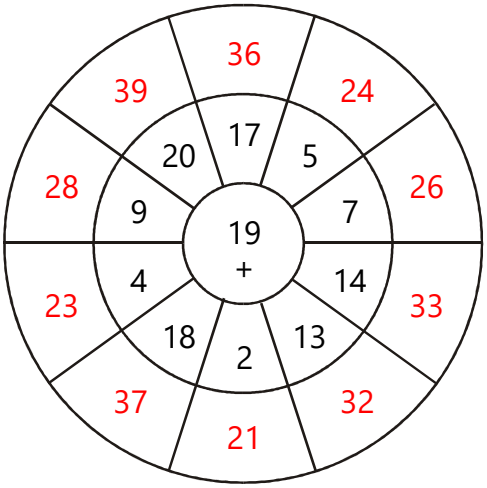

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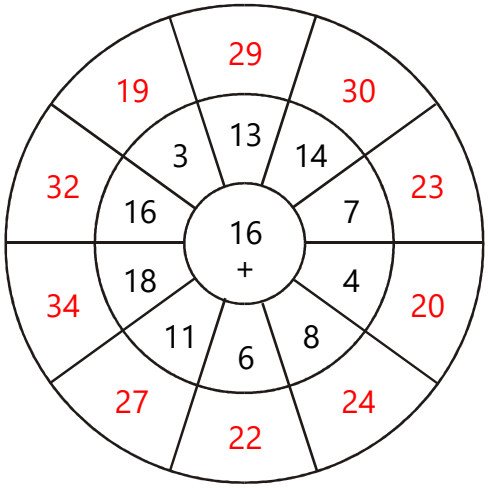
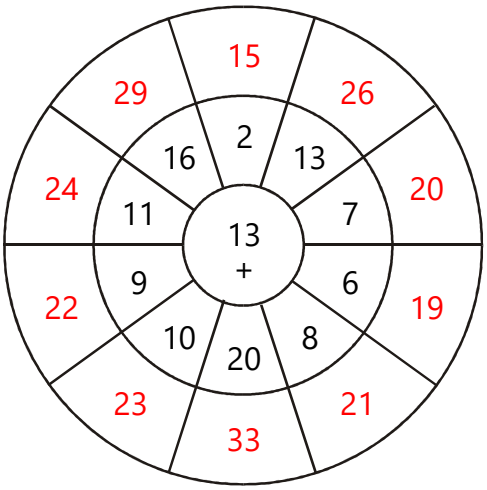


Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 3

Add.

1)



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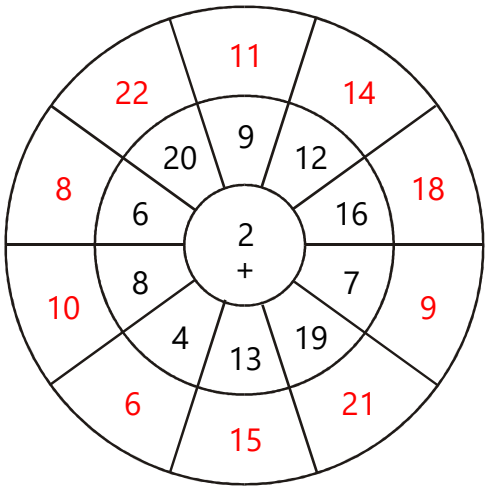
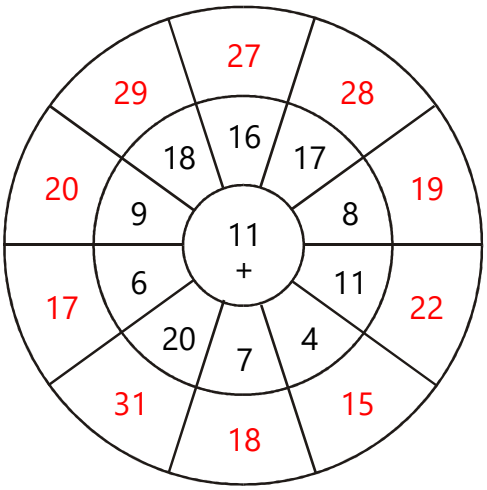
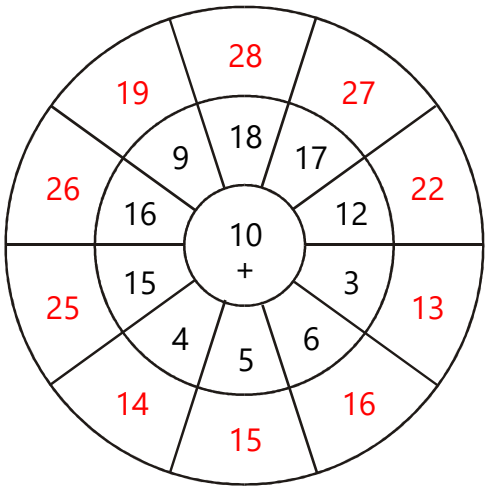


3)



4)



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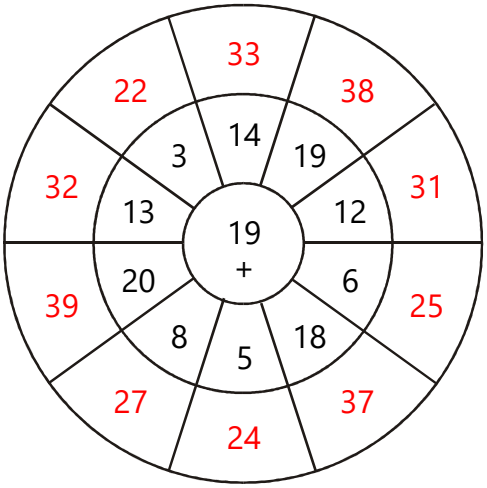

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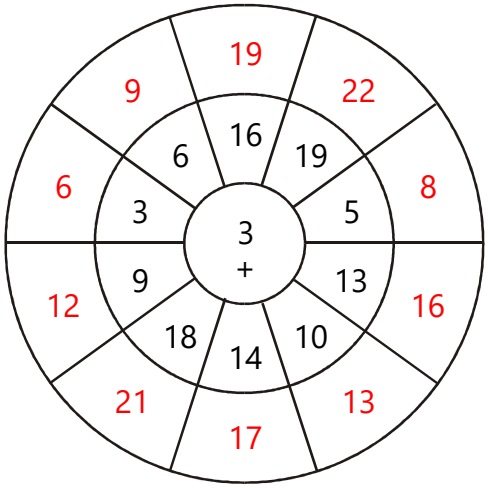
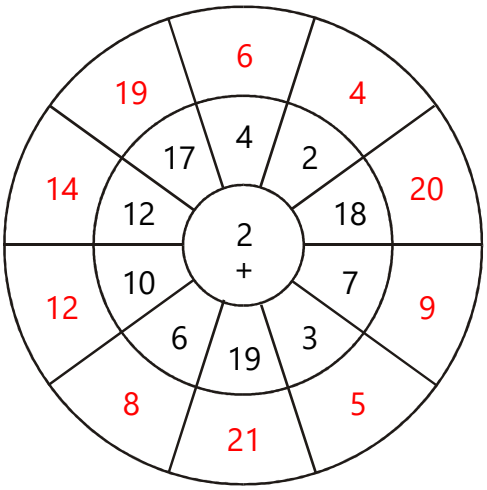


Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 4

Add.

1)



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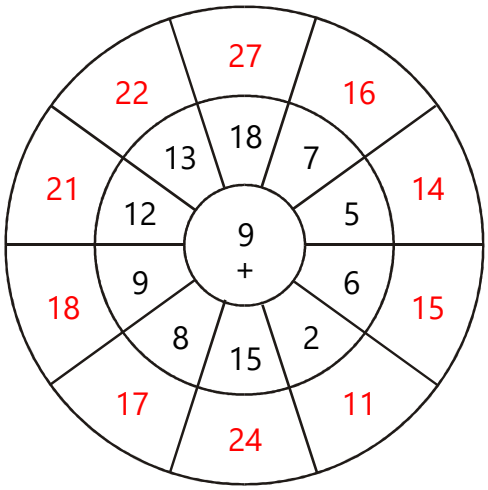

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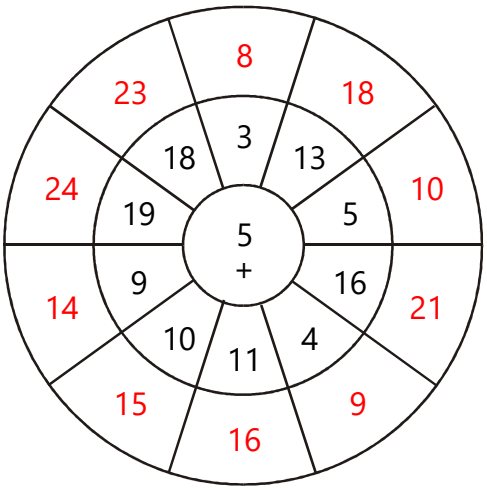

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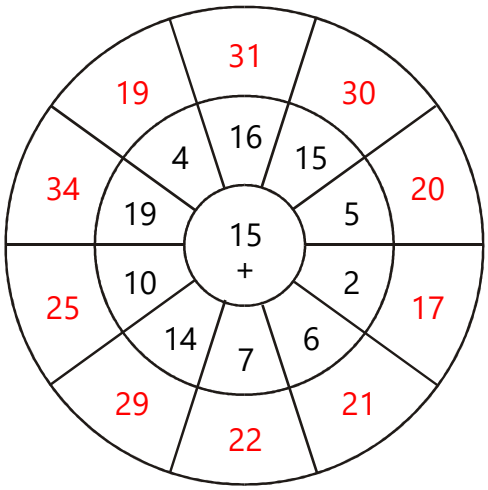

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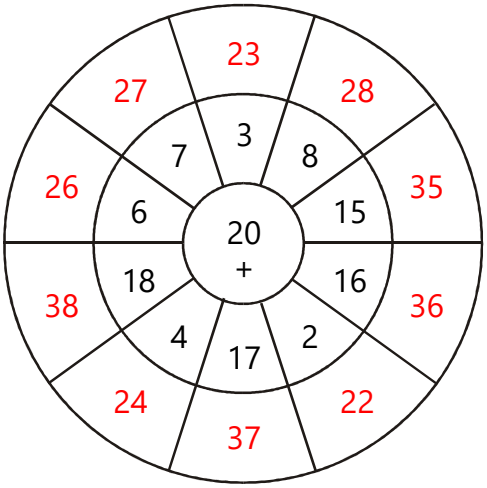

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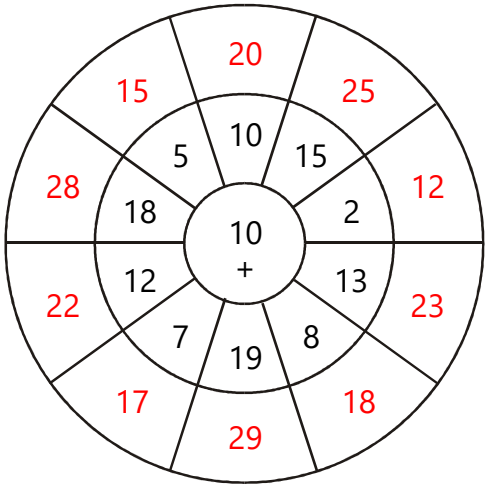
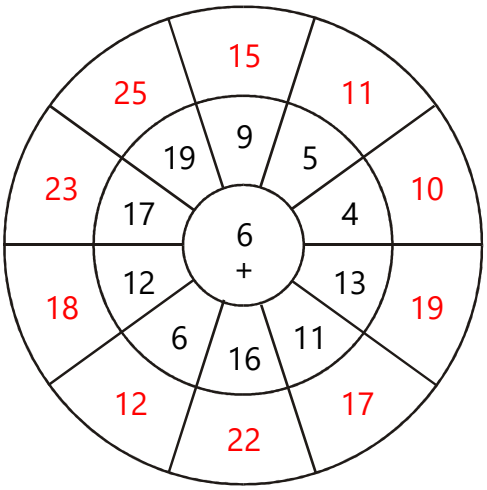


Name:_____ Class:_____ Date:____/____/_____

Circle Drills Addition 5

Add.

1)



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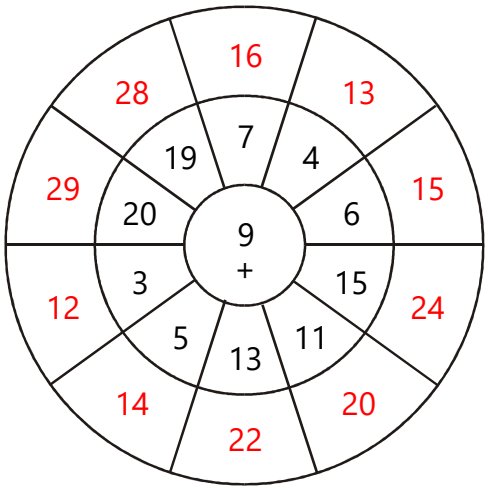

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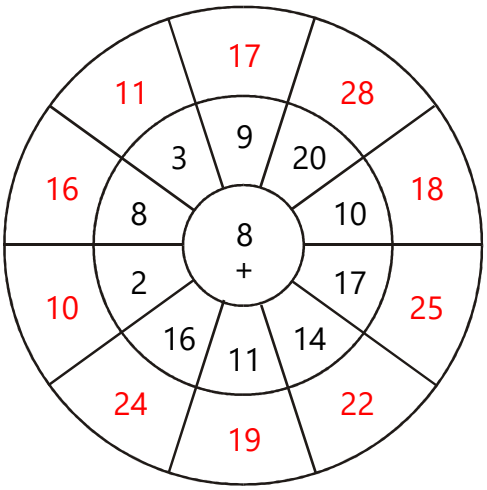

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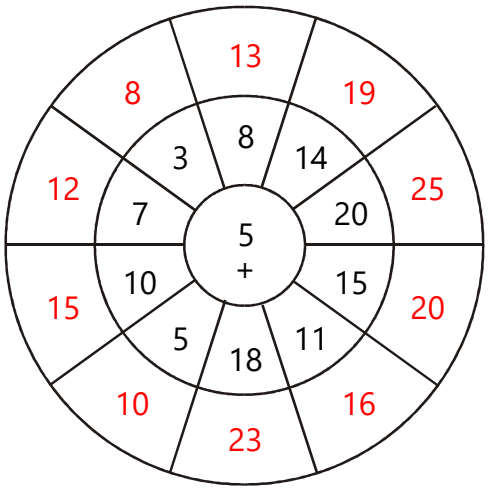
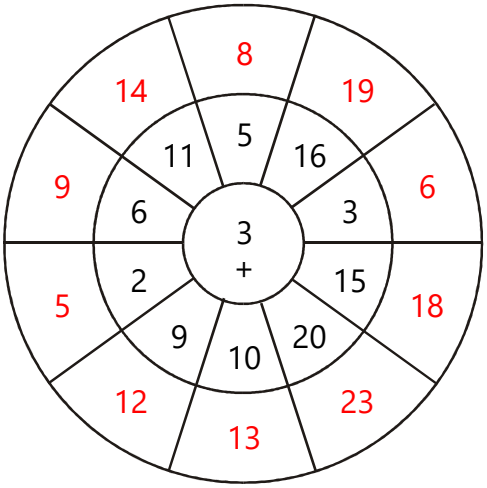
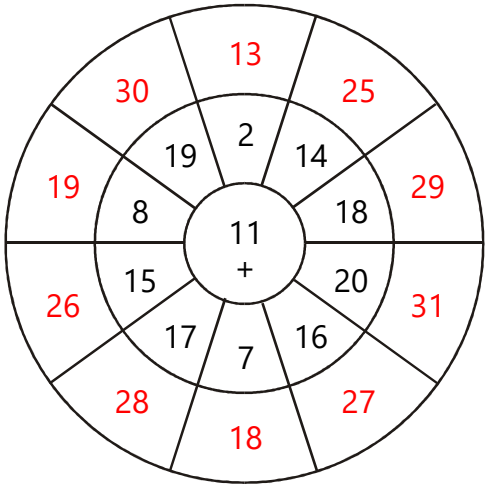


5)



6)

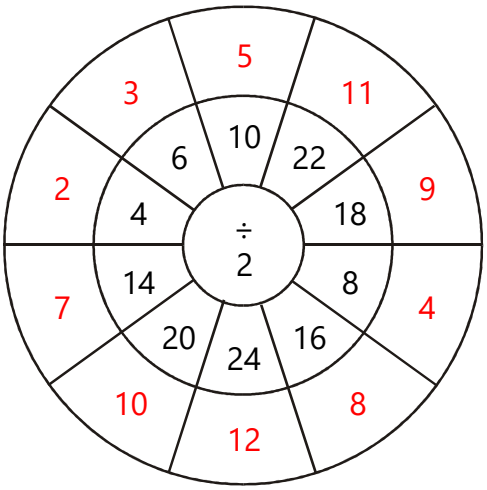


Name:_____ Class:_____ Date:____/____/_____

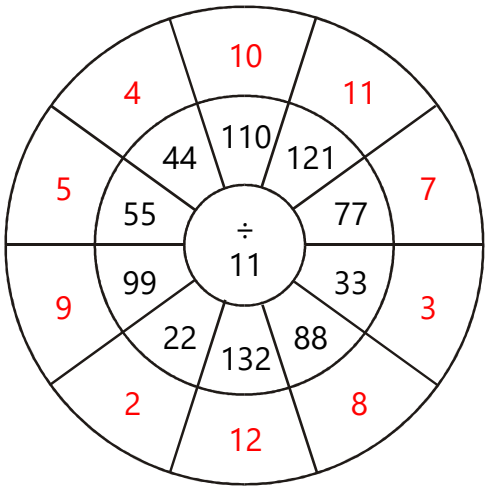
Circle Drills Division 1

Divide.

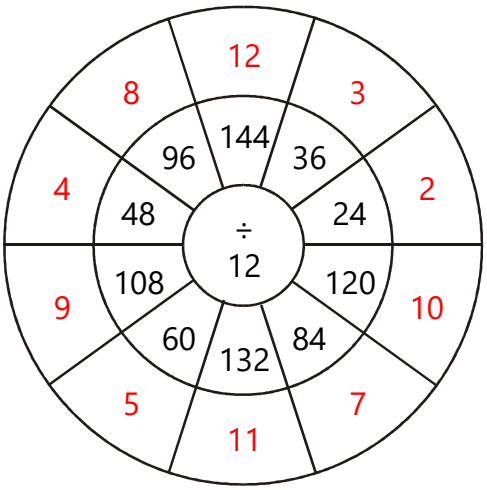
1)



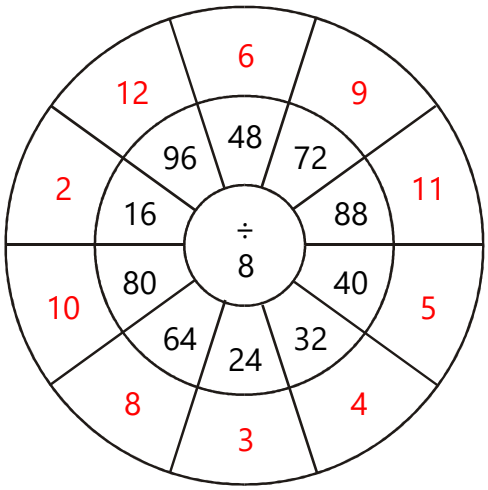
2)



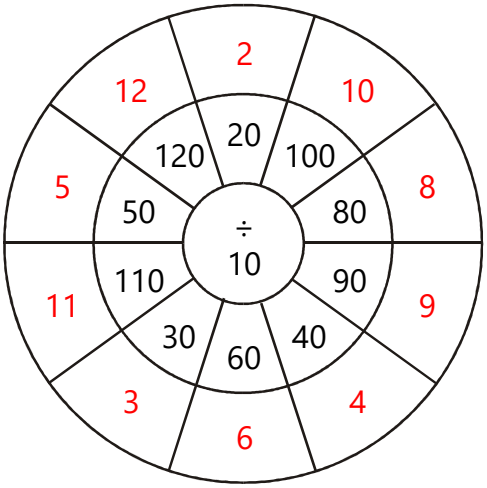
3)



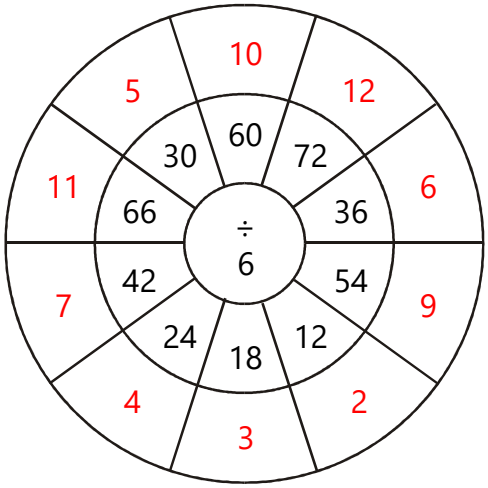
4)



5)



6)

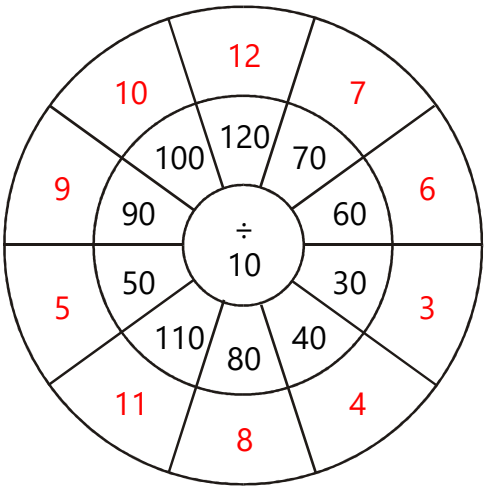


Name:_____ Class:_____ Date:____/____/_____

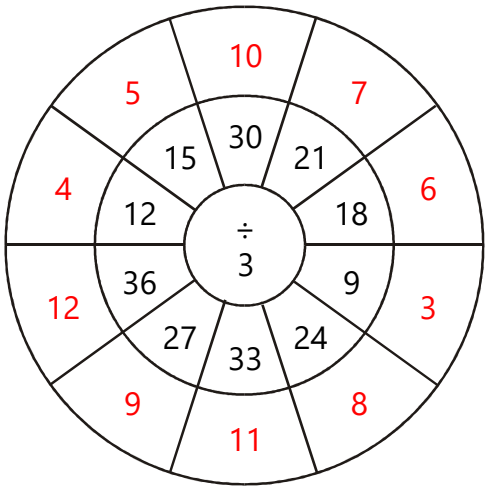
Circle Drills Division 2

Divide.

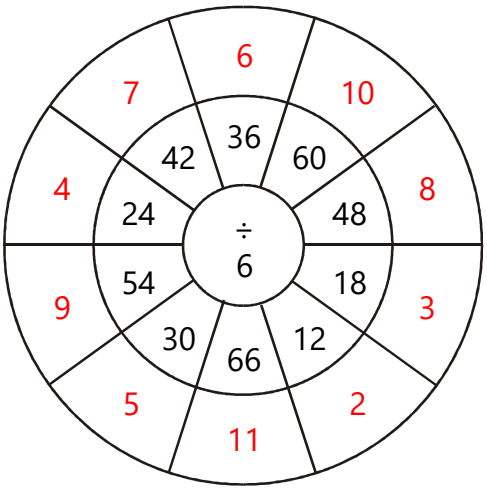
1)



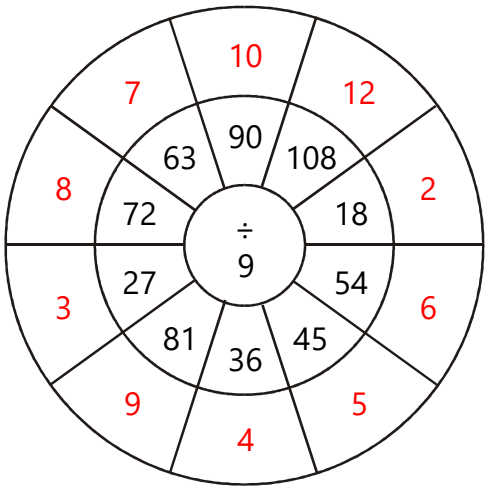
2)



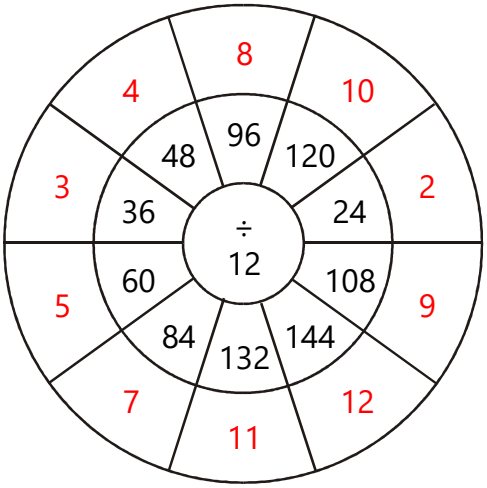
3)



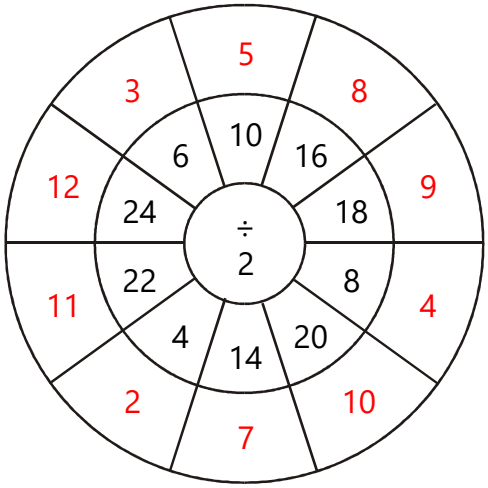
4)



5)



6)

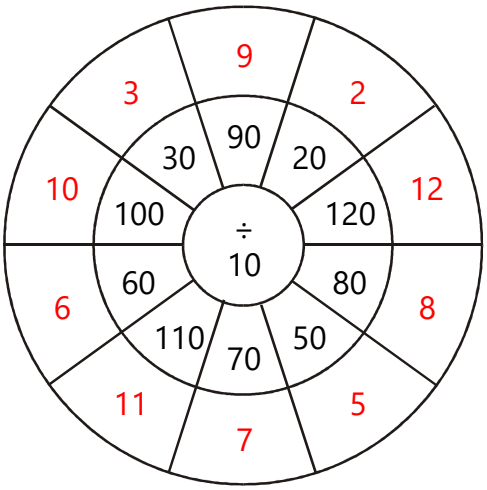


Name:_____ Class:_____ Date:____/____/_____

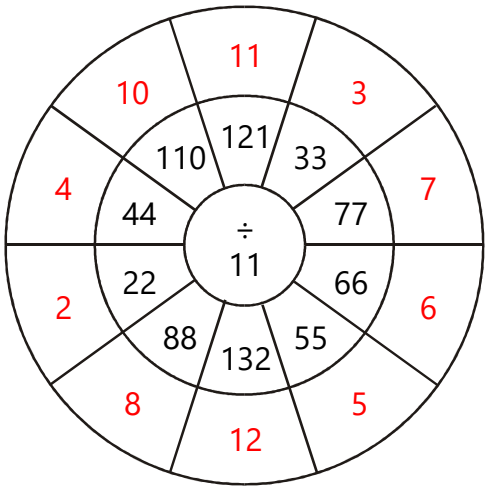
Circle Drills Division 3

Divide.

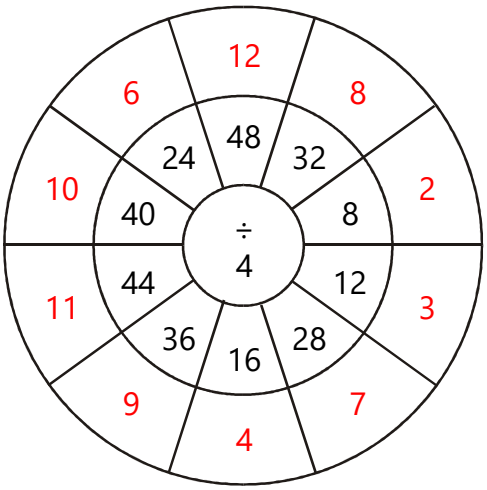
1)



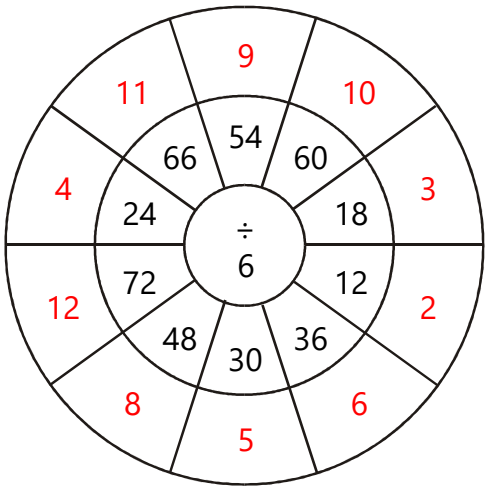
2)



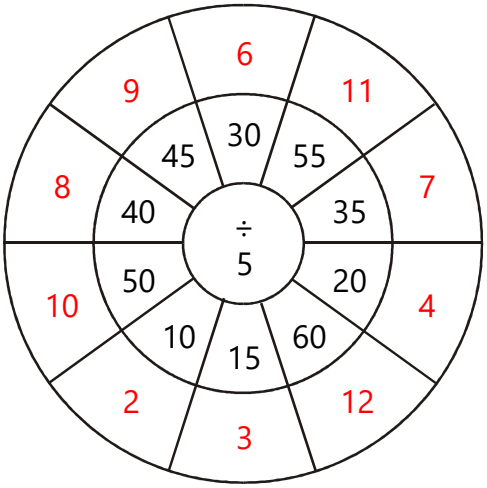
3)



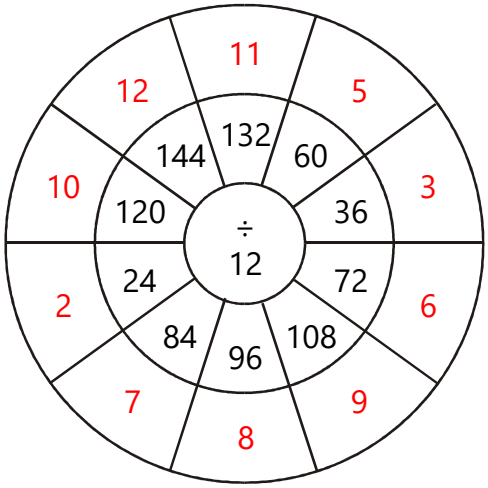
4)



5)



6)

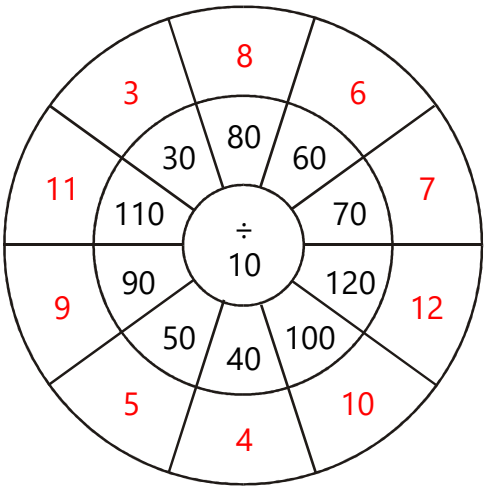


Name:_____ Class:_____ Date:____/____/_____

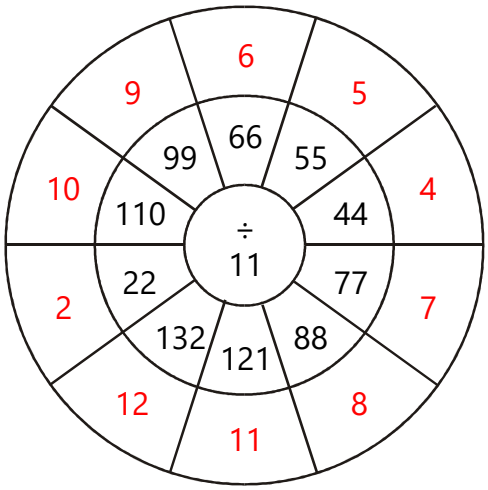
Circle Drills Division 4

Divide.

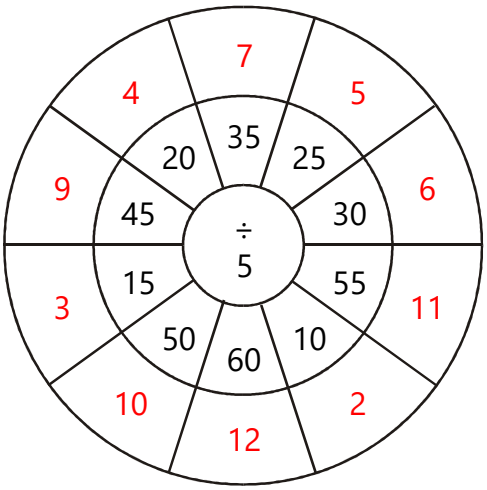
1)



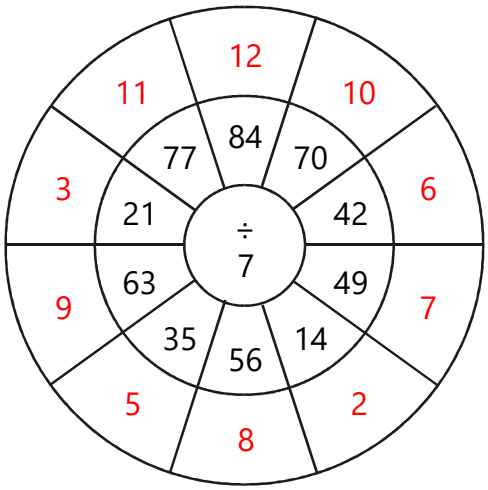
2)



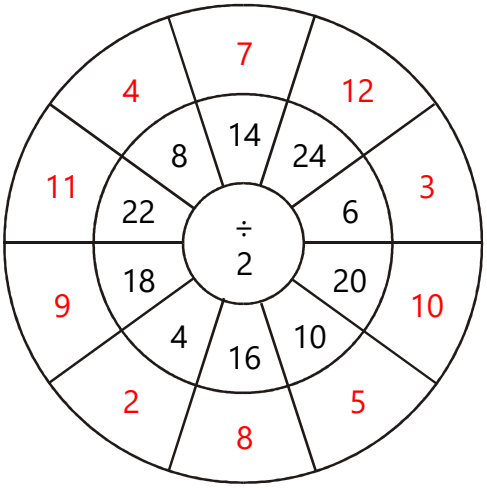
3)



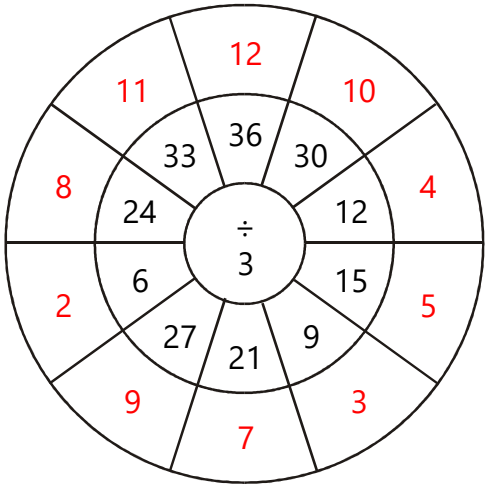
4)



5)



6)

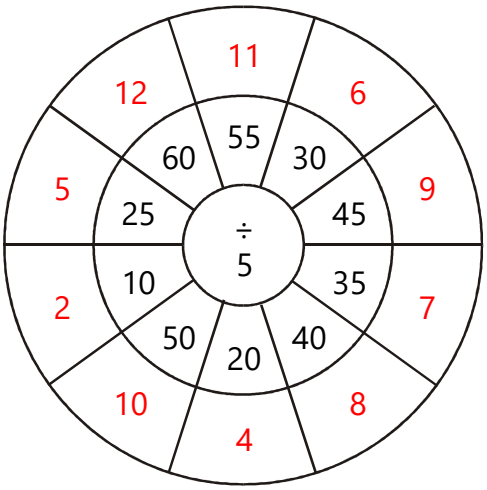


Name:_____ Class:_____ Date:____/____/_____

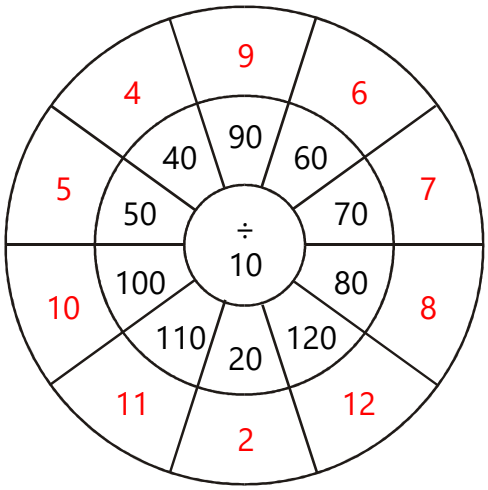
Circle Drills Division 5

Divide.

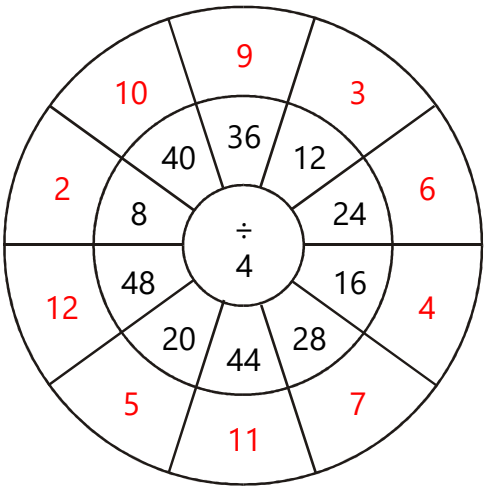
1)



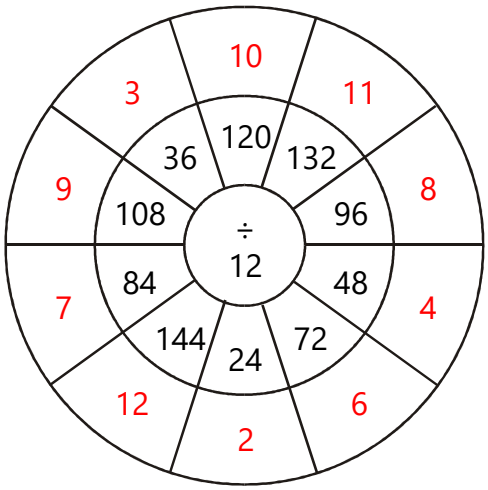
2)



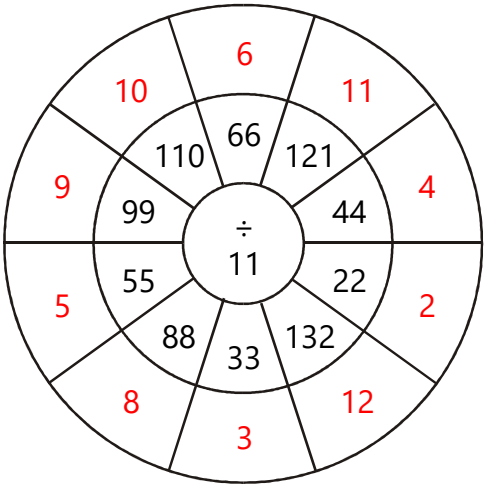
3)



4)



5)



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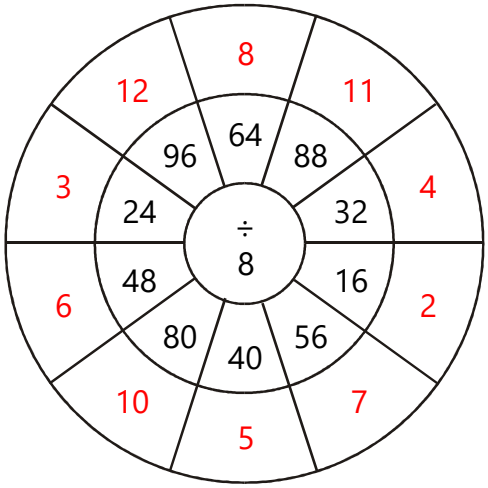
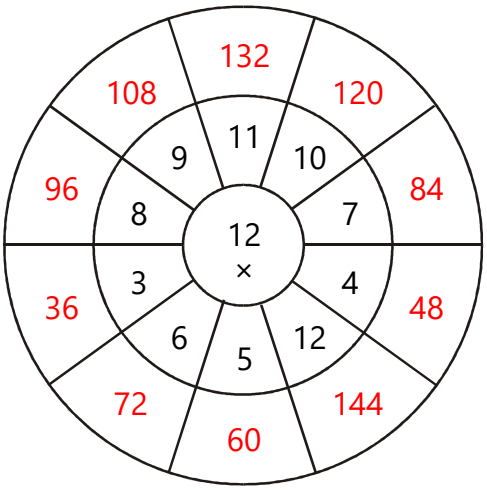


Name:_____ Class:_____ Date:____/____/_____

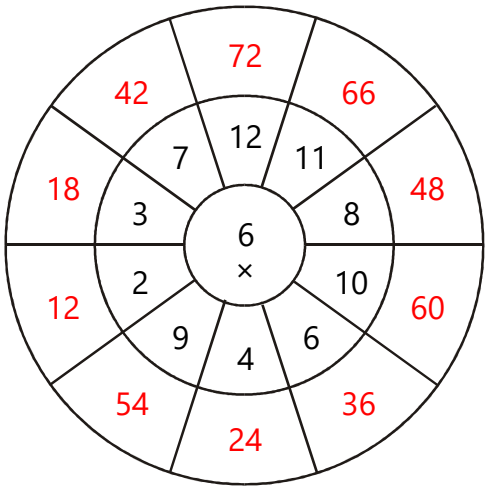
Circle Drills Multiplication 1

Multiply.

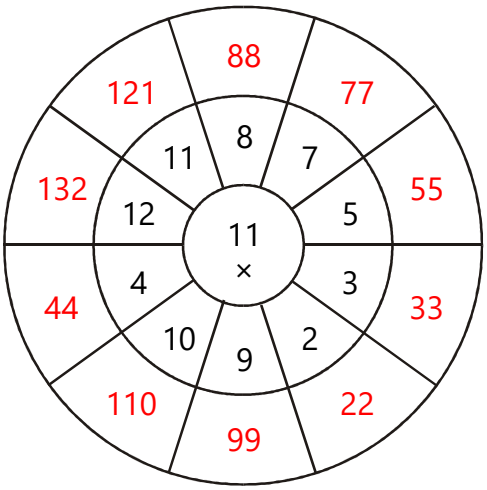
1)



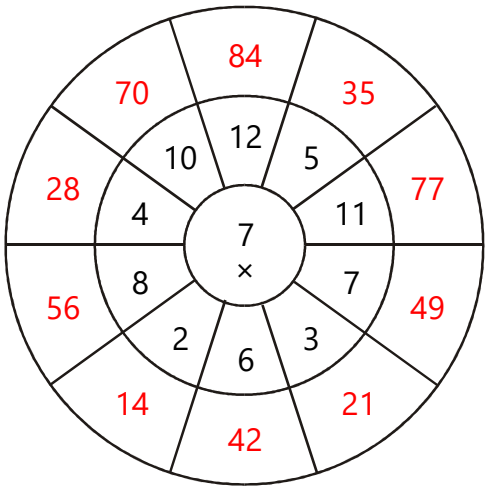
2)



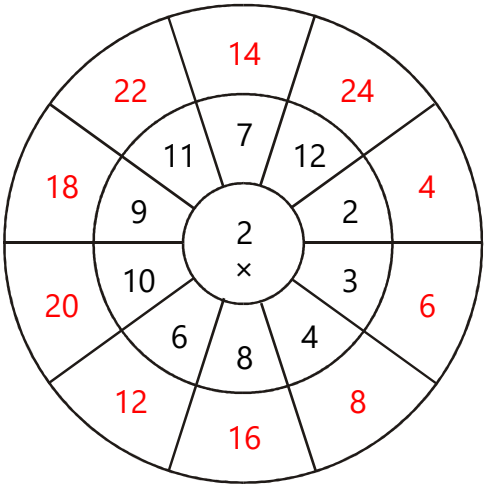
3)



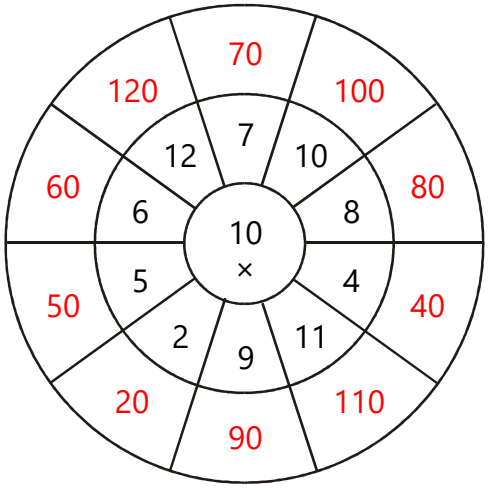
4)



5)



6)

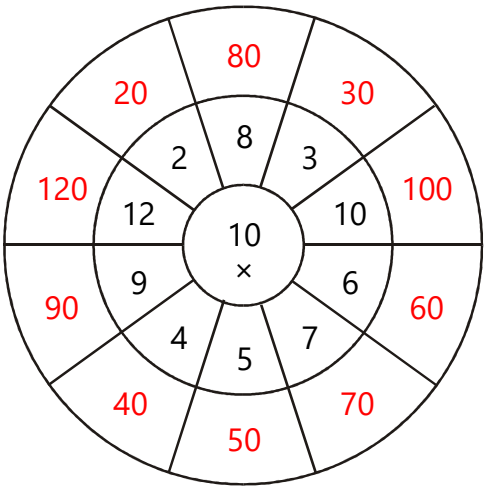


Name:_____ Class:_____ Date:____/____/_____

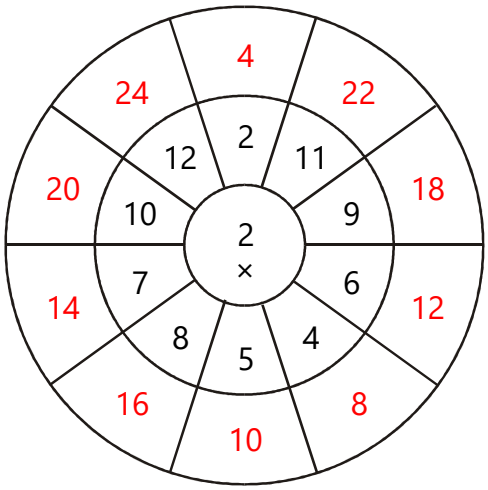
Circle Drills Multiplication 2

Multiply.

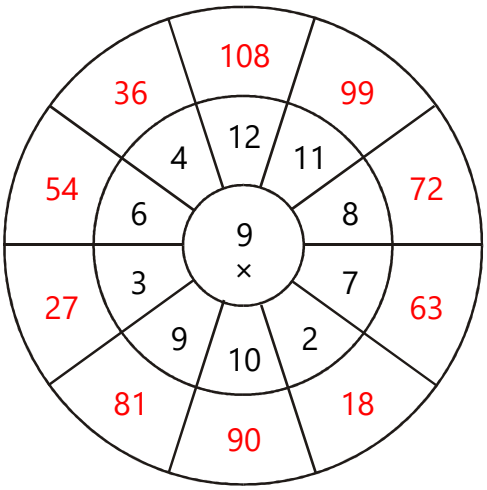
1)



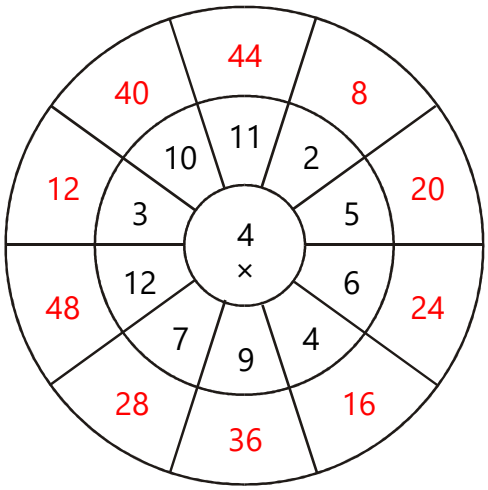
2)



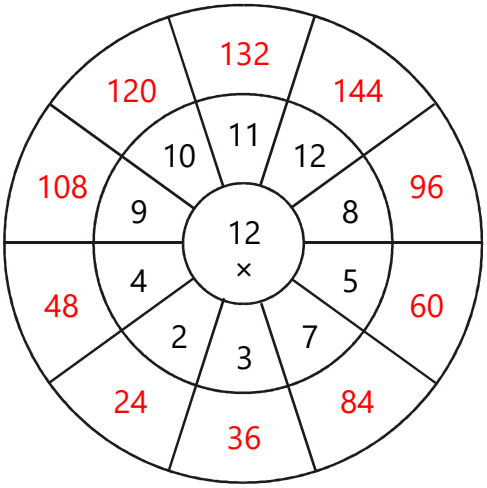
3)



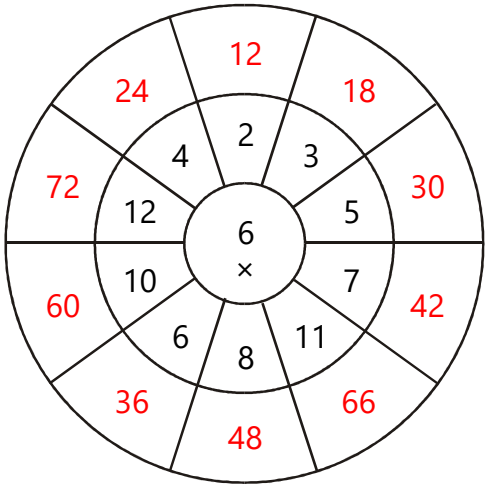
4)



5)



6)

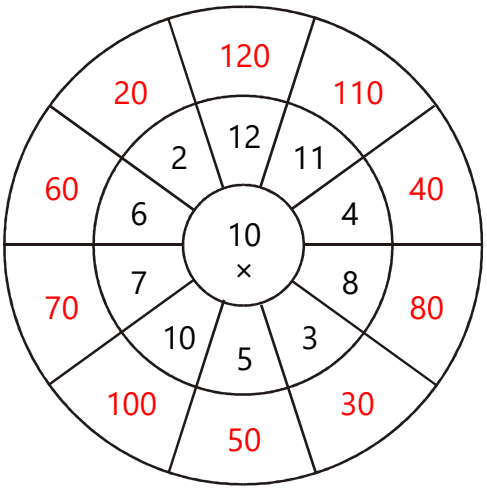


Name:_____ Class:_____ Date:____/____/_____

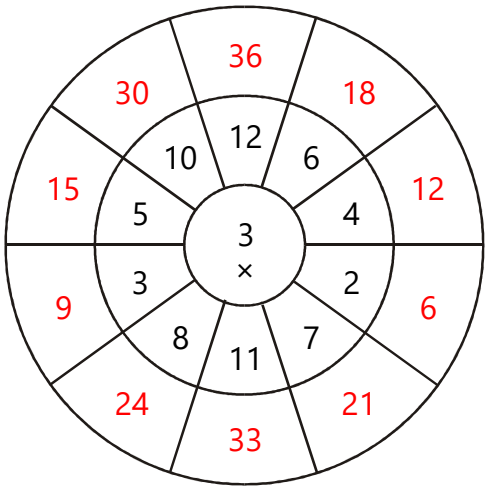
Circle Drills Multiplication 3

Multiply.

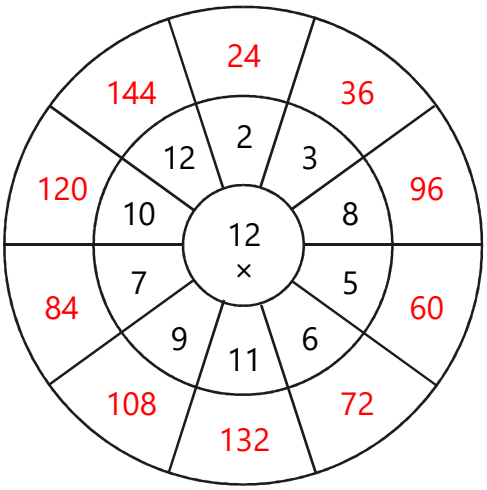
1)



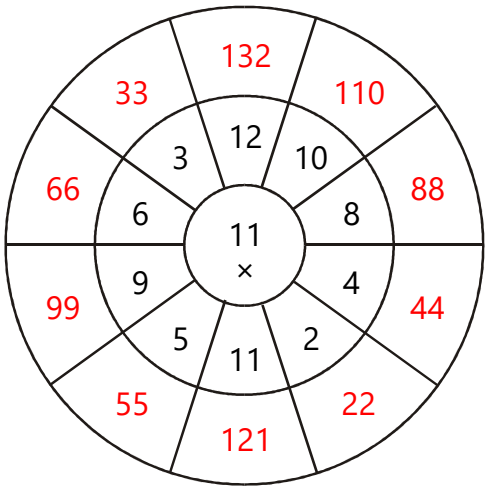
2)



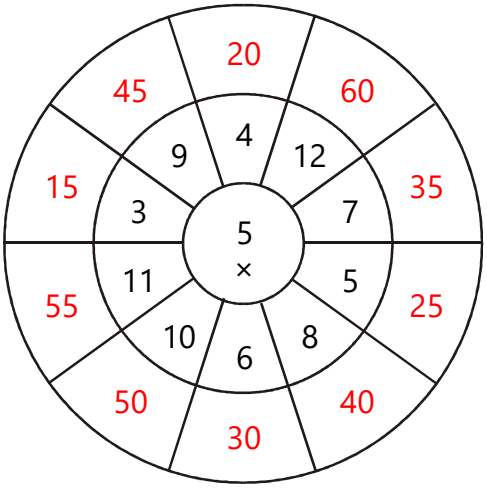
3)



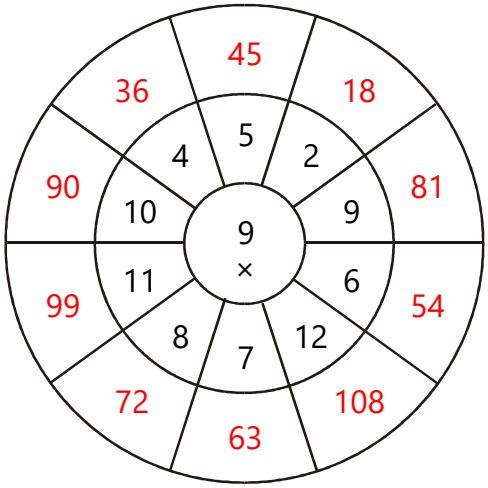
4)



5)



6)

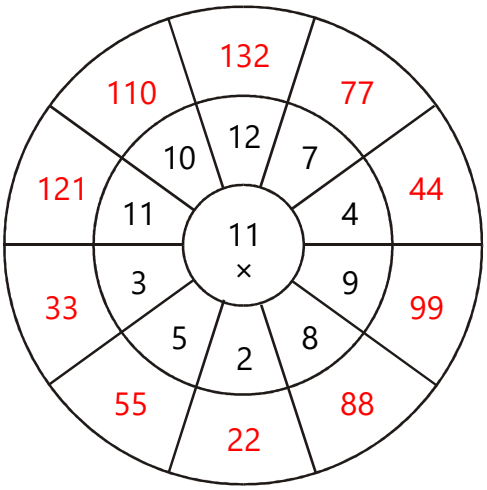


Name:_____ Class:_____ Date:____/____/_____

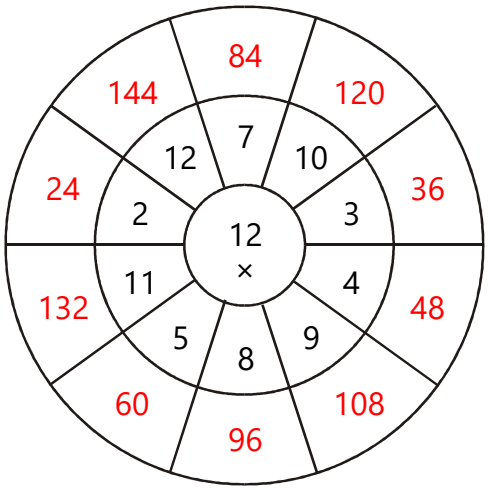
Circle Drills Multiplication 4

Multiply.

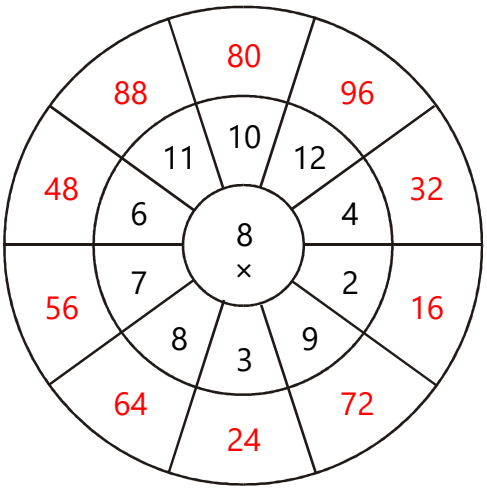
1)



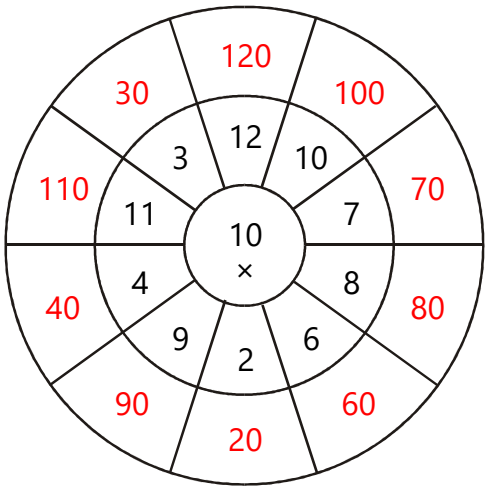
2)



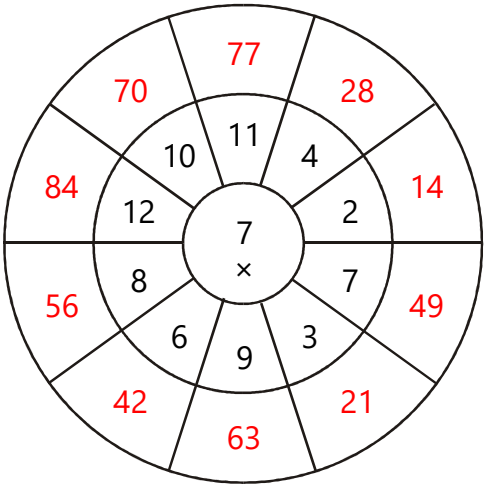
3)



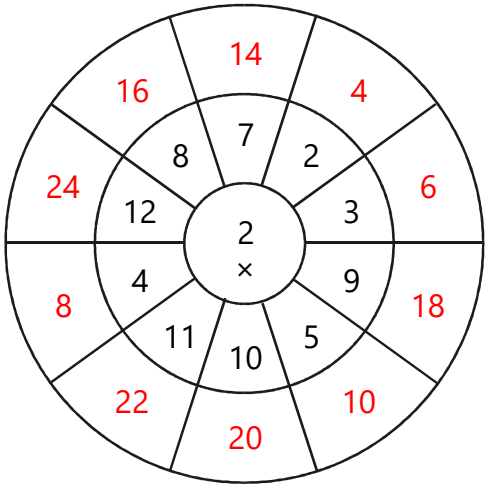
4)



5)



6)

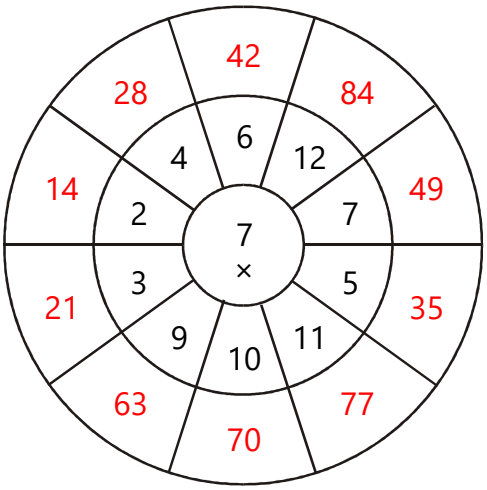


Name:_____ Class:_____ Date:____/____/_____

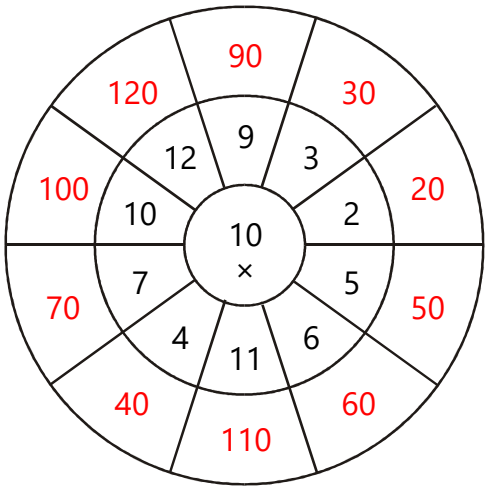
Circle Drills Multiplication 5

Multiply.

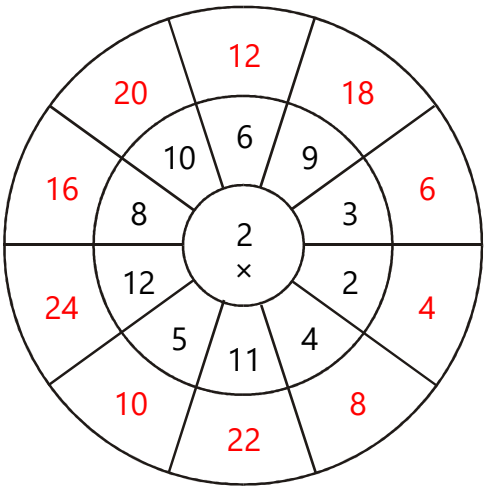
1)



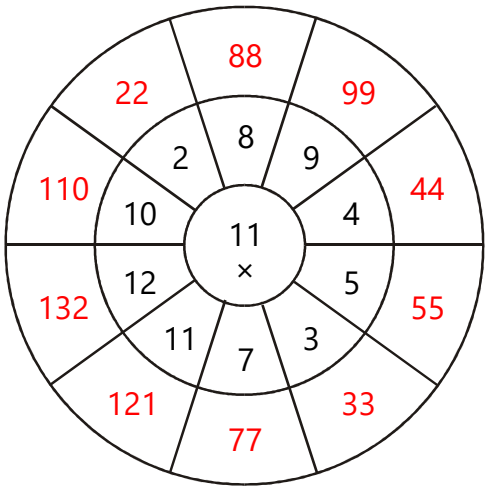
2)



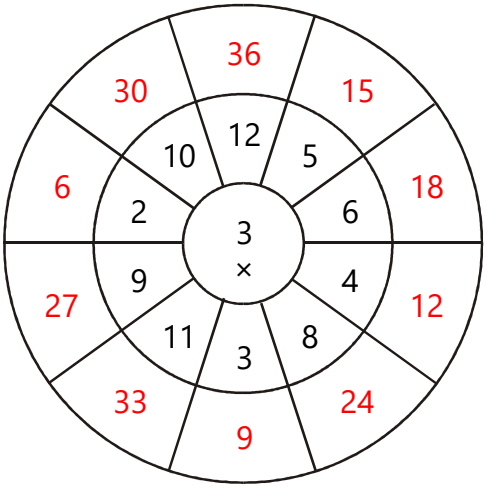
3)



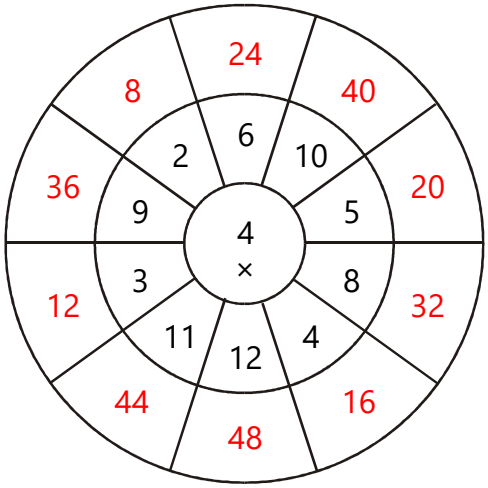
4)



5)



6)

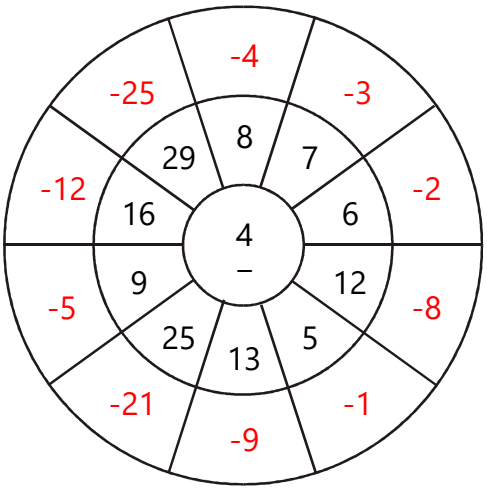


Name:_____ Class:_____ Date:____/____/_____

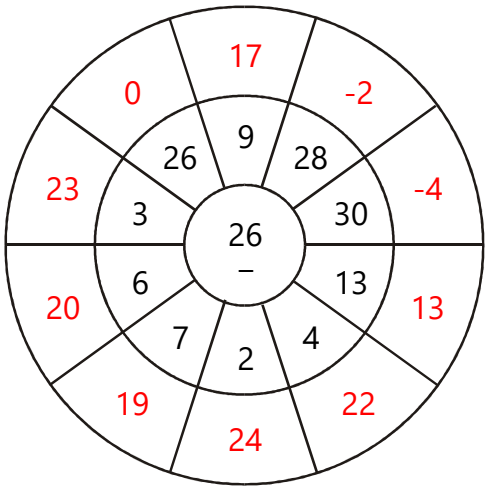
Circle Drills Subtraction 1

Subtract.

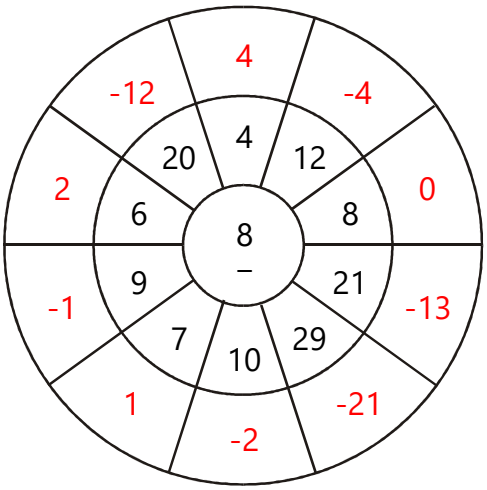
1)



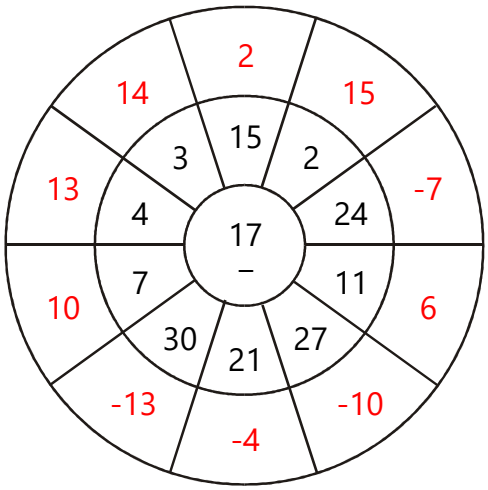
2)



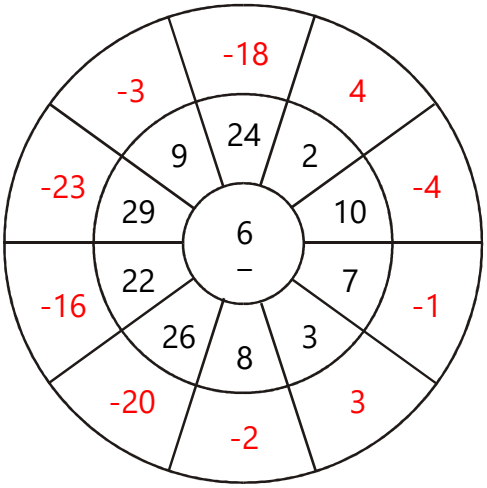
3)



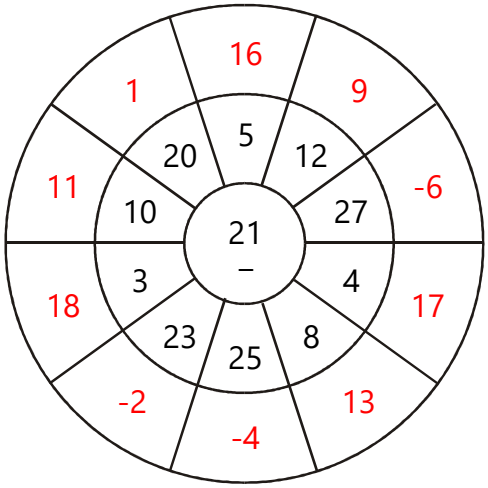
4)



5)



6)

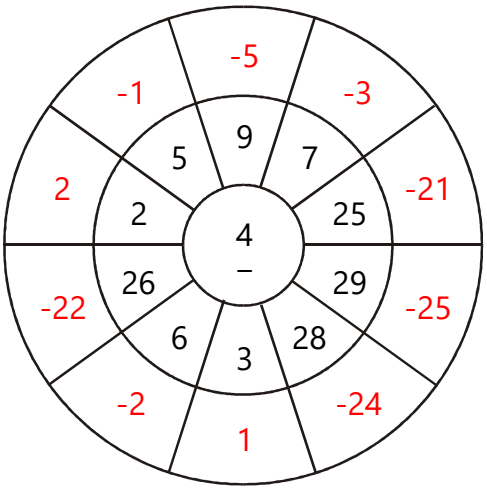


Name:_____ Class:_____ Date:____/____/_____

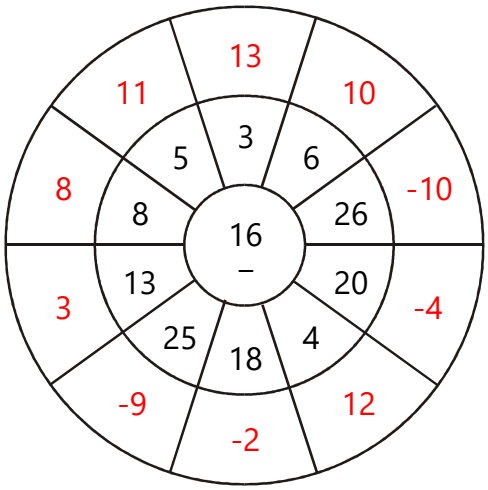
Circle Drills Subtraction 2

Subtract.

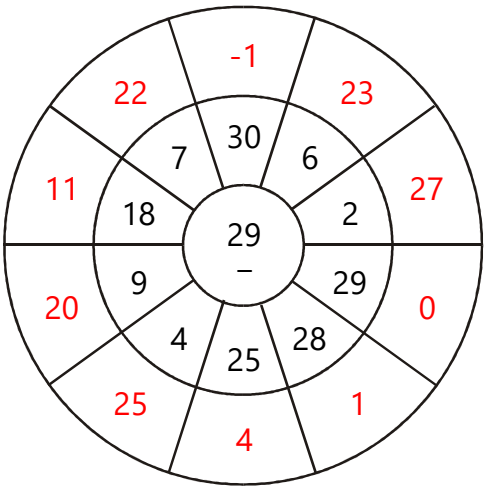
1)



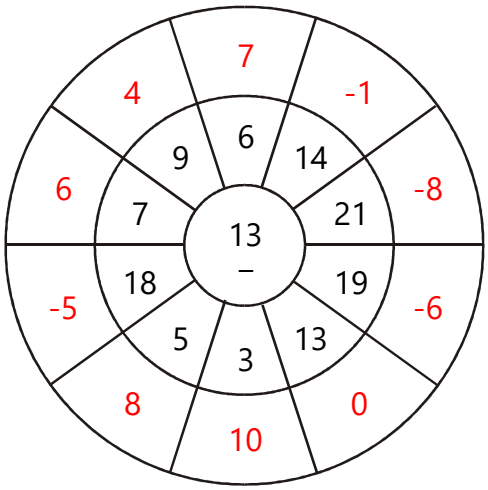
2)



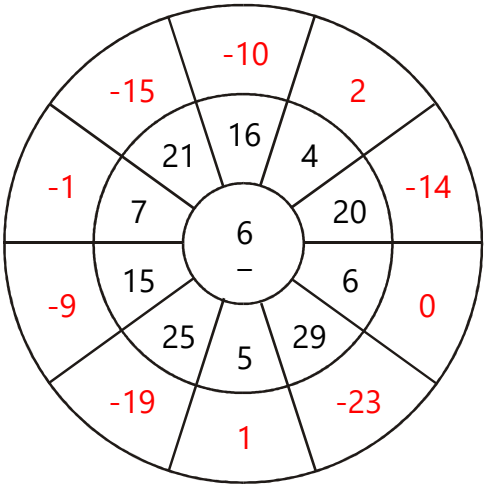
3)



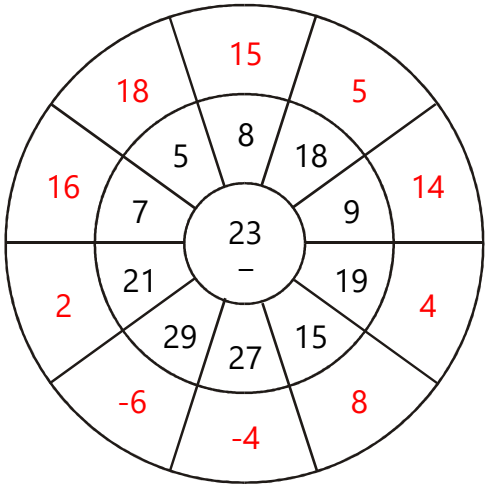
4)



5)



6)

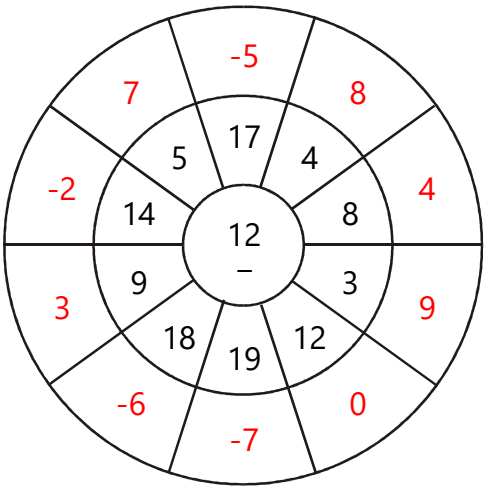


Name:_____ Class:_____ Date:____/____/_____

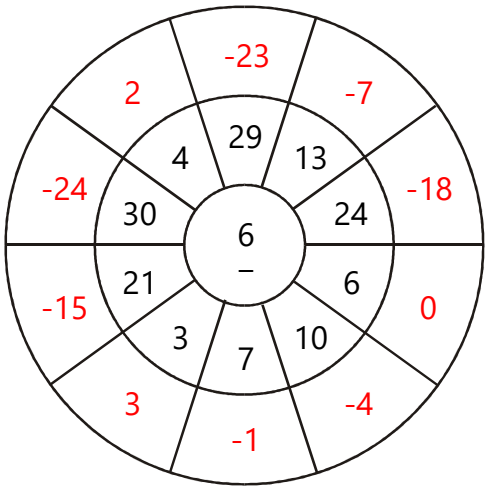
Circle Drills Subtraction 3

Subtract.

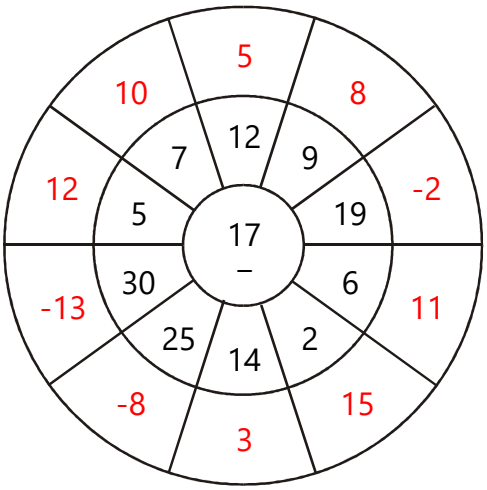
1)



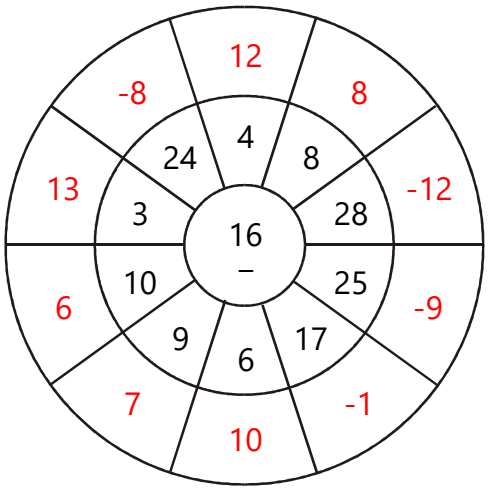
2)



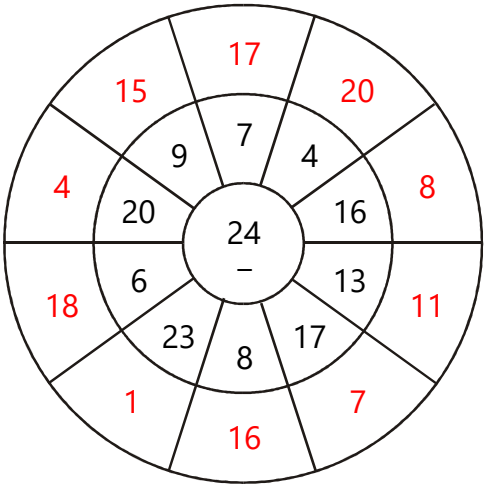
3)



4)



5)



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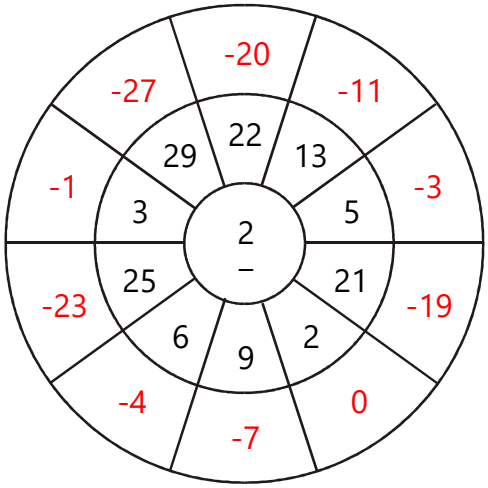
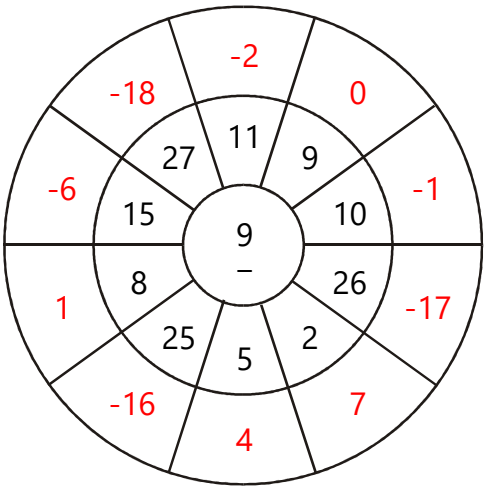


Name:_____ Class:_____ Date:____/____/_____

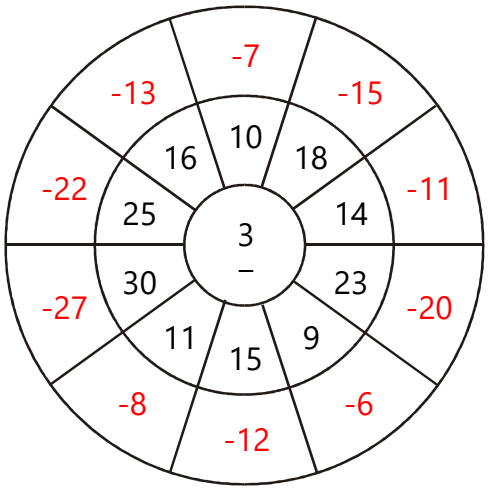
Circle Drills Subtraction 4

Subtract.

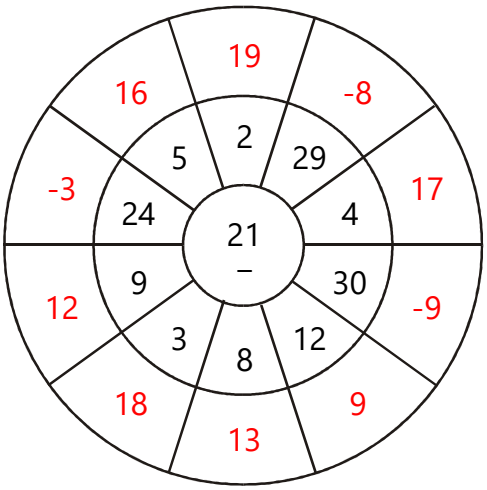
1)



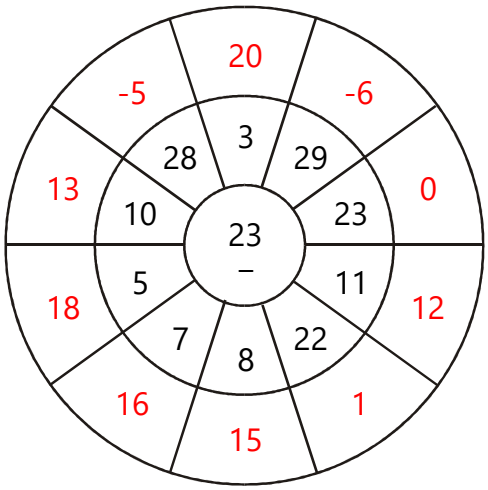
2)



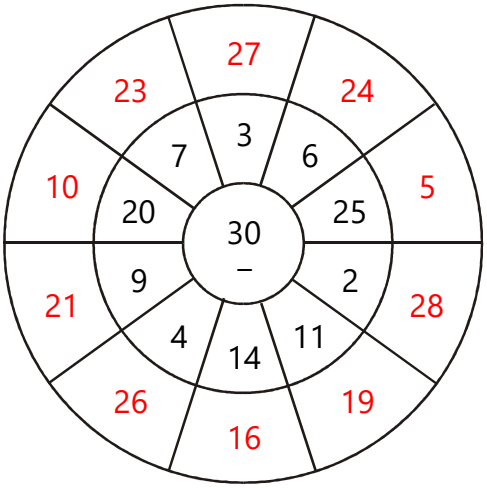
3)



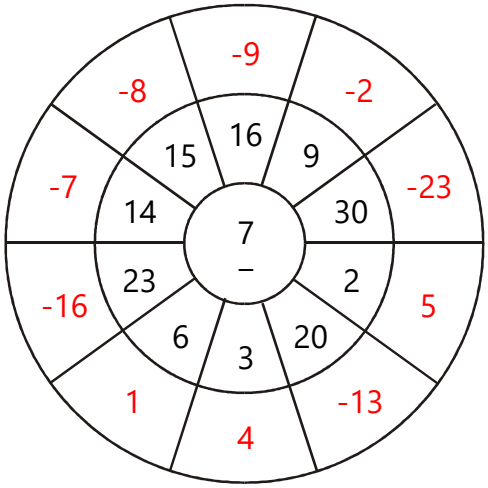
4)



5)



6)

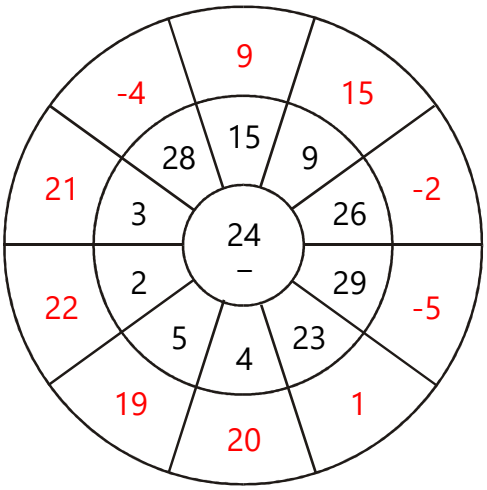


Name:_____ Class:_____ Date:____/____/_____

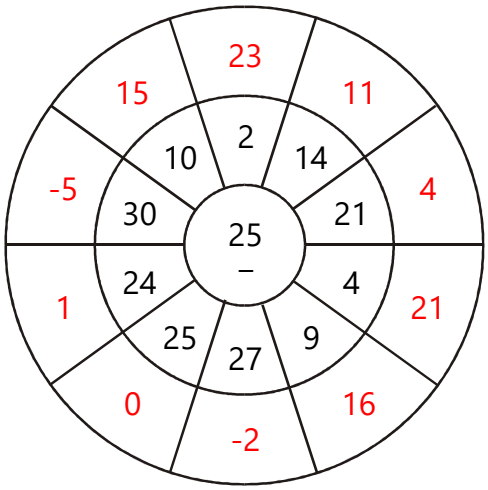
Circle Drills Subtraction 5

Subtract.

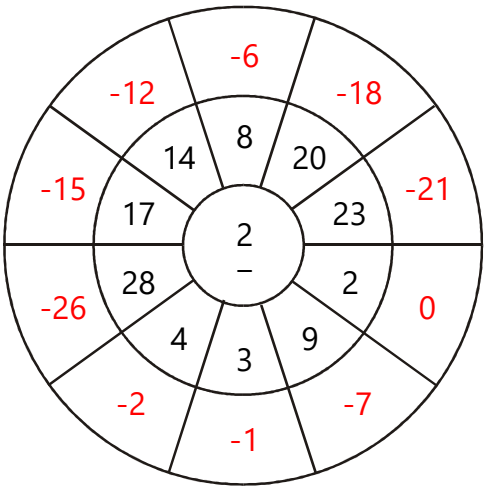
1)



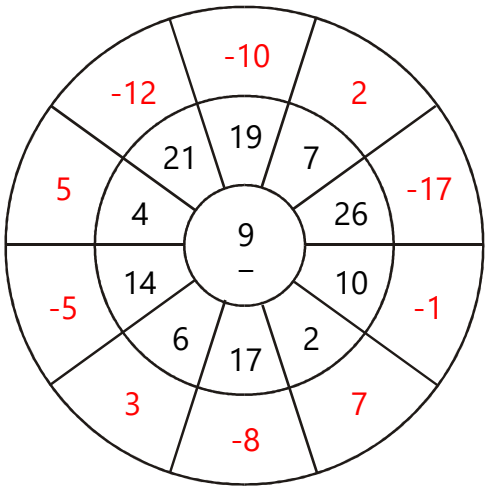
2)



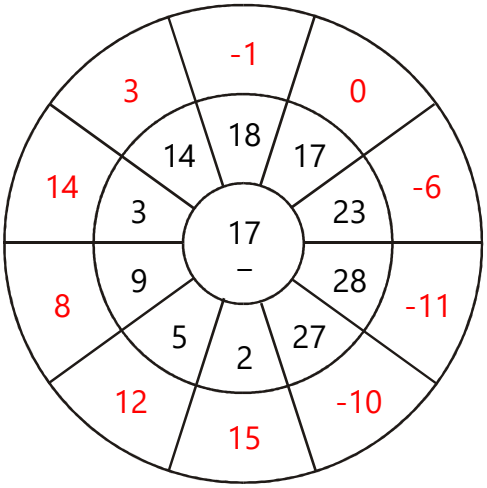
3)



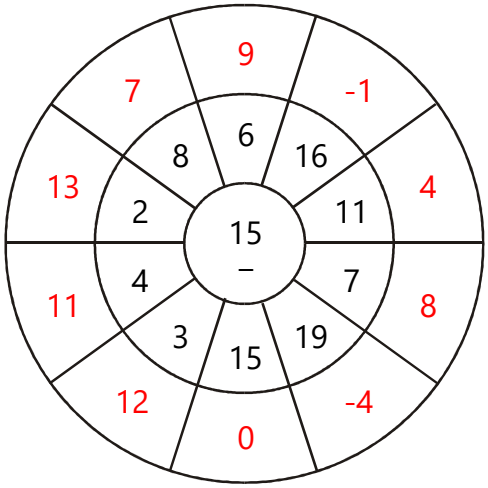
4)



5)



6)



Name:_____ Class:_____ Date:____/____/_____

Counting Table 1

Complete the table.

1) Count by 7 from 24 to 129

24	31	38	45
52	59	66	73
80	87	94	101
108	115	122	129

2) Count by 10 from 4 to 154

4	14	24	34
44	54	64	74
84	94	104	114
124	134	144	154

3) Count by 6 from 19 to 109

19	25	31	37
43	49	55	61
67	73	79	85
91	97	103	109

4) Count by 12 from 6 to 186

6	18	30	42
54	66	78	90
102	114	126	138
150	162	174	186

5) Count by 3 from 12 to 57

12	15	18	21
24	27	30	33
36	39	42	45
48	51	54	57

6) Count by 10 from 18 to 168

18	28	38	48
58	68	78	88
98	108	118	128
138	148	158	168

7) Count by 9 from 15 to 150

15	24	33	42
51	60	69	78
87	96	105	114
123	132	141	150

8) Count by 10 from 10 to 160

10	20	30	40
50	60	70	80
90	100	110	120
130	140	150	160

9) Count by 7 from 18 to 123

18	25	32	39
46	53	60	67
74	81	88	95
102	109	116	123

10) Count by 6 from 28 to 118

28	34	40	46
52	58	64	70
76	82	88	94
100	106	112	118

11) Count by 5 from 24 to 99

24	29	34	39
44	49	54	59
64	69	74	79
84	89	94	99

12) Count by 10 from 23 to 173

23	33	43	53
63	73	83	93
103	113	123	133
143	153	163	173

Name:_____ Class:_____ Date:____/____/_____

Counting Table 2

Complete the table.

1) Count by 8 from 14 to 134

14	22	30	38
46	54	62	70
78	86	94	102
110	118	126	134

2) Count by 8 from 7 to 127

7	15	23	31
39	47	55	63
71	79	87	95
103	111	119	127

3) Count by 9 from 4 to 139

4	13	22	31
40	49	58	67
76	85	94	103
112	121	130	139

4) Count by 7 from 2 to 107

2	9	16	23
30	37	44	51
58	65	72	79
86	93	100	107

5) Count by 8 from 26 to 146

26	34	42	50
58	66	74	82
90	98	106	114
122	130	138	146

6) Count by 9 from 15 to 150

15	24	33	42
51	60	69	78
87	96	105	114
123	132	141	150

7) Count by 10 from 17 to 167

17	27	37	47
57	67	77	87
97	107	117	127
137	147	157	167

8) Count by 5 from 12 to 87

12	17	22	27
32	37	42	47
52	57	62	67
72	77	82	87

9) Count by 6 from 26 to 116

26	32	38	44
50	56	62	68
74	80	86	92
98	104	110	116

10) Count by 4 from 28 to 88

28	32	36	40
44	48	52	56
60	64	68	72
76	80	84	88

11) Count by 8 from 12 to 132

12	20	28	36
44	52	60	68
76	84	92	100
108	116	124	132

12) Count by 12 from 17 to 197

17	29	41	53
65	77	89	101
113	125	137	149
161	173	185	197

Name:_____ Class:_____ Date:____/____/_____

Counting Table 3

Complete the table.

1) Count by 8 from 10 to 130

10	18	26	34
42	50	58	66
74	82	90	98
106	114	122	130

2) Count by 8 from 26 to 146

26	34	42	50
58	66	74	82
90	98	106	114
122	130	138	146

3) Count by 8 from 19 to 139

19	27	35	43
51	59	67	75
83	91	99	107
115	123	131	139

4) Count by 4 from 21 to 81

21	25	29	33
37	41	45	49
53	57	61	65
69	73	77	81

5) Count by 12 from 3 to 183

3	15	27	39
51	63	75	87
99	111	123	135
147	159	171	183

6) Count by 7 from 30 to 135

30	37	44	51
58	65	72	79
86	93	100	107
114	121	128	135

7) Count by 12 from 22 to 202

22	34	46	58
70	82	94	106
118	130	142	154
166	178	190	202

8) Count by 7 from 2 to 107

2	9	16	23
30	37	44	51
58	65	72	79
86	93	100	107

9) Count by 12 from 23 to 203

23	35	47	59
71	83	95	107
119	131	143	155
167	179	191	203

10) Count by 12 from 25 to 205

25	37	49	61
73	85	97	109
121	133	145	157
169	181	193	205

11) Count by 10 from 10 to 160

10	20	30	40
50	60	70	80
90	100	110	120
130	140	150	160

12) Count by 7 from 29 to 134

29	36	43	50
57	64	71	78
85	92	99	106
113	120	127	134

Name:_____ Class:_____ Date:____/____/_____

Counting Table 4

Complete the table.

1) Count by 5 from 2 to 77

2	7	12	17
22	27	32	37
42	47	52	57
62	67	72	77

2) Count by 7 from 15 to 120

15	22	29	36
43	50	57	64
71	78	85	92
99	106	113	120

3) Count by 7 from 28 to 133

28	35	42	49
56	63	70	77
84	91	98	105
112	119	126	133

4) Count by 3 from 8 to 53

8	11	14	17
20	23	26	29
32	35	38	41
44	47	50	53

5) Count by 6 from 4 to 94

4	10	16	22
28	34	40	46
52	58	64	70
76	82	88	94

6) Count by 8 from 13 to 133

13	21	29	37
45	53	61	69
77	85	93	101
109	117	125	133

7) Count by 7 from 20 to 125

20	27	34	41
48	55	62	69
76	83	90	97
104	111	118	125

8) Count by 6 from 2 to 92

2	8	14	20
26	32	38	44
50	56	62	68
74	80	86	92

9) Count by 8 from 30 to 150

30	38	46	54
62	70	78	86
94	102	110	118
126	134	142	150

10) Count by 7 from 23 to 128

23	30	37	44
51	58	65	72
79	86	93	100
107	114	121	128

11) Count by 2 from 10 to 40

10	12	14	16
18	20	22	24
26	28	30	32
34	36	38	40

12) Count by 6 from 21 to 111

21	27	33	39
45	51	57	63
69	75	81	87
93	99	105	111

Name:_____ Class:_____ Date:____/____/_____

Counting Table 5

Complete the table.

1) Count by 6 from 8 to 98

8	14	20	26
32	38	44	50
56	62	68	74
80	86	92	98

2) Count by 12 from 26 to 206

26	38	50	62
74	86	98	110
122	134	146	158
170	182	194	206

3) Count by 6 from 6 to 96

6	12	18	24
30	36	42	48
54	60	66	72
78	84	90	96

4) Count by 10 from 9 to 159

9	19	29	39
49	59	69	79
89	99	109	119
129	139	149	159

5) Count by 10 from 20 to 170

20	30	40	50
60	70	80	90
100	110	120	130
140	150	160	170

6) Count by 8 from 19 to 139

19	27	35	43
51	59	67	75
83	91	99	107
115	123	131	139

7) Count by 3 from 25 to 70

25	28	31	34
37	40	43	46
49	52	55	58
61	64	67	70

8) Count by 3 from 3 to 48

3	6	9	12
15	18	21	24
27	30	33	36
39	42	45	48

9) Count by 11 from 10 to 175

10	21	32	43
54	65	76	87
98	109	120	131
142	153	164	175

10) Count by 7 from 27 to 132

27	34	41	48
55	62	69	76
83	90	97	104
111	118	125	132

11) Count by 2 from 4 to 34

4	6	8	10
12	14	16	18
20	22	24	26
28	30	32	34

12) Count by 7 from 10 to 115

10	17	24	31
38	45	52	59
66	73	80	87
94	101	108	115

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 1

Complete the table.

1)

+	6	5	14	15	11
12	18	17	26	27	23
15	21	20	29	30	26
8	14	13	22	23	19
11	17	16	25	26	22
3	9	8	17	18	14

2)

+	6	16	4	7	15
2	8	18	6	9	17
13	19	29	17	20	28
11	17	27	15	18	26
7	13	23	11	14	22
16	22	32	20	23	31

3)

+	5	14	2	16	7
8	13	22	10	24	15
4	9	18	6	20	11
13	18	27	15	29	20
16	21	30	18	32	23
18	23	32	20	34	25

4)

+	2	7	18	5	4
7	9	14	25	12	11
11	13	18	29	16	15
9	11	16	27	14	13
10	12	17	28	15	14
12	14	19	30	17	16

5)

+	5	8	12	2	7
4	9	12	16	6	11
10	15	18	22	12	17
12	17	20	24	14	19
20	25	28	32	22	27
13	18	21	25	15	20

6)

+	18	9	4	12	19
9	27	18	13	21	28
4	22	13	8	16	23
10	28	19	14	22	29
12	30	21	16	24	31
13	31	22	17	25	32

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 2

Complete the table.

1)

+	3	19	20	2	12
16	19	35	36	18	28
3	6	22	23	5	15
17	20	36	37	19	29
6	9	25	26	8	18
20	23	39	40	22	32

2)

+	8	11	15	20	6
15	23	26	30	35	21
3	11	14	18	23	9
16	24	27	31	36	22
7	15	18	22	27	13
4	12	15	19	24	10

3)

+	19	15	8	2	4
6	25	21	14	8	10
2	21	17	10	4	6
10	29	25	18	12	14
14	33	29	22	16	18
15	34	30	23	17	19

4)

+	11	3	9	5	2
6	17	9	15	11	8
11	22	14	20	16	13
16	27	19	25	21	18
12	23	15	21	17	14
19	30	22	28	24	21

5)

+	18	5	14	10	19
16	34	21	30	26	35
3	21	8	17	13	22
8	26	13	22	18	27
20	38	25	34	30	39
2	20	7	16	12	21

6)

+	5	14	7	11	9
20	25	34	27	31	29
17	22	31	24	28	26
16	21	30	23	27	25
8	13	22	15	19	17
14	19	28	21	25	23

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 3

Complete the table.

1)

+	20	14	12	3	7
2	22	16	14	5	9
12	32	26	24	15	19
16	36	30	28	19	23
8	28	22	20	11	15
10	30	24	22	13	17

2)

+	12	8	5	14	7
9	21	17	14	23	16
18	30	26	23	32	25
8	20	16	13	22	15
12	24	20	17	26	19
3	15	11	8	17	10

3)

+	6	11	4	18	12
19	25	30	23	37	31
16	22	27	20	34	28
5	11	16	9	23	17
12	18	23	16	30	24
14	20	25	18	32	26

4)

+	12	18	10	2	6
12	24	30	22	14	18
13	25	31	23	15	19
14	26	32	24	16	20
10	22	28	20	12	16
5	17	23	15	7	11

5)

+	16	5	6	7	11
11	27	16	17	18	22
9	25	14	15	16	20
10	26	15	16	17	21
7	23	12	13	14	18
12	28	17	18	19	23

6)

+	8	12	4	14	6
9	17	21	13	23	15
13	21	25	17	27	19
19	27	31	23	33	25
2	10	14	6	16	8
14	22	26	18	28	20

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 4

Complete the table.

1)

+	13	16	11	17	8
14	27	30	25	31	22
17	30	33	28	34	25
19	32	35	30	36	27
10	23	26	21	27	18
7	20	23	18	24	15

2)

+	8	7	14	6	10
6	14	13	20	12	16
16	24	23	30	22	26
4	12	11	18	10	14
2	10	9	16	8	12
12	20	19	26	18	22

3)

+	7	10	12	6	2
17	24	27	29	23	19
7	14	17	19	13	9
16	23	26	28	22	18
11	18	21	23	17	13
13	20	23	25	19	15

4)

+	12	2	15	17	11
12	24	14	27	29	23
3	15	5	18	20	14
6	18	8	21	23	17
16	28	18	31	33	27
2	14	4	17	19	13

5)

+	2	19	8	18	16
16	18	35	24	34	32
10	12	29	18	28	26
13	15	32	21	31	29
6	8	25	14	24	22
5	7	24	13	23	21

6)

+	11	19	3	14	9
20	31	39	23	34	29
2	13	21	5	16	11
13	24	32	16	27	22
17	28	36	20	31	26
15	26	34	18	29	24

Name:_____ Class:_____ Date:____/____/_____

Table Drill Addition 5

Complete the table.

1)

+	10	12	15	7	14
19	29	31	34	26	33
2	12	14	17	9	16
3	13	15	18	10	17
11	21	23	26	18	25
6	16	18	21	13	20

2)

+	11	7	15	20	2
20	31	27	35	40	22
7	18	14	22	27	9
17	28	24	32	37	19
5	16	12	20	25	7
4	15	11	19	24	6

3)

+	15	2	18	14	12
6	21	8	24	20	18
5	20	7	23	19	17
10	25	12	28	24	22
20	35	22	38	34	32
8	23	10	26	22	20

4)

+	11	17	4	3	15
5	16	22	9	8	20
4	15	21	8	7	19
20	31	37	24	23	35
15	26	32	19	18	30
12	23	29	16	15	27

5)

+	6	9	15	2	11
13	19	22	28	15	24
16	22	25	31	18	27
3	9	12	18	5	14
9	15	18	24	11	20
8	14	17	23	10	19

6)

+	13	14	16	6	11
17	30	31	33	23	28
8	21	22	24	14	19
16	29	30	32	22	27
12	25	26	28	18	23
19	32	33	35	25	30

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 1

Complete the table.

1)

÷	94	144	133	143	109
10	9 r4	14 r4	13 r3	14 r3	10 r9
7	13 r3	20 r4	19	20 r3	15 r4
8	11 r6	18	16 r5	17 r7	13 r5
4	23 r2	36	33 r1	35 r3	27 r1
11	8 r6	13 r1	12 r1	13	9 r10

2)

÷	37	36	105	140	126
9	4 r1	4	11 r6	15 r5	14
3	12 r1	12	35	46 r2	42
2	18 r1	18	52 r1	70	63
8	4 r5	4 r4	13 r1	17 r4	15 r6
6	6 r1	6	17 r3	23 r2	21

3)

÷	33	118	137	13	131
11	3	10 r8	12 r5	1 r2	11 r10
7	4 r5	16 r6	19 r4	1 r6	18 r5
6	5 r3	19 r4	22 r5	2 r1	21 r5
2	16 r1	59	68 r1	6 r1	65 r1
9	3 r6	13 r1	15 r2	1 r4	14 r5

4)

÷	37	121	129	73	26
5	7 r2	24 r1	25 r4	14 r3	5 r1
10	3 r7	12 r1	12 r9	7 r3	2 r6
3	12 r1	40 r1	43	24 r1	8 r2
2	18 r1	60 r1	64 r1	36 r1	13
6	6 r1	20 r1	21 r3	12 r1	4 r2

5)

÷	42	32	52	93	70
8	5 r2	4	6 r4	11 r5	8 r6
4	10 r2	8	13	23 r1	17 r2
5	8 r2	6 r2	10 r2	18 r3	14
11	3 r9	2 r10	4 r8	8 r5	6 r4
2	21	16	26	46 r1	35

6)

÷	73	37	140	142	123
12	6 r1	3 r1	11 r8	11 r10	10 r3
2	36 r1	18 r1	70	71	61 r1
3	24 r1	12 r1	46 r2	47 r1	41
4	18 r1	9 r1	35	35 r2	30 r3
5	14 r3	7 r2	28	28 r2	24 r3

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 2

Complete the table.

1)

÷	120	79	112	57	62
4	30	19 r3	28	14 r1	15 r2
11	10 r10	7 r2	10 r2	5 r2	5 r7
7	17 r1	11 r2	16	8 r1	8 r6
6	20	13 r1	18 r4	9 r3	10 r2
9	13 r3	8 r7	12 r4	6 r3	6 r8

2)

÷	88	117	105	49	64
12	7 r4	9 r9	8 r9	4 r1	5 r4
4	22	29 r1	26 r1	12 r1	16
6	14 r4	19 r3	17 r3	8 r1	10 r4
11	8	10 r7	9 r6	4 r5	5 r9
2	44	58 r1	52 r1	24 r1	32

3)

÷	133	57	119	138	40
2	66 r1	28 r1	59 r1	69	20
11	12 r1	5 r2	10 r9	12 r6	3 r7
4	33 r1	14 r1	29 r3	34 r2	10
3	44 r1	19	39 r2	46	13 r1
12	11 r1	4 r9	9 r11	11 r6	3 r4

4)

÷	117	135	118	126	44
2	58 r1	67 r1	59	63	22
7	16 r5	19 r2	16 r6	18	6 r2
5	23 r2	27	23 r3	25 r1	8 r4
9	13	15	13 r1	14	4 r8
10	11 r7	13 r5	11 r8	12 r6	4 r4

5)

÷	94	35	48	86	85
2	47	17 r1	24	43	42 r1
12	7 r10	2 r11	4	7 r2	7 r1
10	9 r4	3 r5	4 r8	8 r6	8 r5
3	31 r1	11 r2	16	28 r2	28 r1
6	15 r4	5 r5	8	14 r2	14 r1

6)

÷	140	78	124	12	88
5	28	15 r3	24 r4	2 r2	17 r3
8	17 r4	9 r6	15 r4	1 r4	11
7	20	11 r1	17 r5	1 r5	12 r4
9	15 r5	8 r6	13 r7	1 r3	9 r7
10	14	7 r8	12 r4	1 r2	8 r8

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 3

Complete the table.

1)

÷	76	73	32	59	62
6	12 r4	12 r1	5 r2	9 r5	10 r2
9	8 r4	8 r1	3 r5	6 r5	6 r8
4	19	18 r1	8	14 r3	15 r2
5	15 r1	14 r3	6 r2	11 r4	12 r2
3	25 r1	24 r1	10 r2	19 r2	20 r2

2)

÷	82	63	100	141	130
7	11 r5	9	14 r2	20 r1	18 r4
4	20 r2	15 r3	25	35 r1	32 r2
2	41	31 r1	50	70 r1	65
8	10 r2	7 r7	12 r4	17 r5	16 r2
11	7 r5	5 r8	9 r1	12 r9	11 r9

3)

÷	69	139	125	101	112
11	6 r3	12 r7	11 r4	9 r2	10 r2
3	23	46 r1	41 r2	33 r2	37 r1
4	17 r1	34 r3	31 r1	25 r1	28
2	34 r1	69 r1	62 r1	50 r1	56
7	9 r6	19 r6	17 r6	14 r3	16

4)

÷	80	21	23	133	90
8	10	2 r5	2 r7	16 r5	11 r2
6	13 r2	3 r3	3 r5	22 r1	15
10	8	2 r1	2 r3	13 r3	9
4	20	5 r1	5 r3	33 r1	22 r2
11	7 r3	1 r10	2 r1	12 r1	8 r2

5)

÷	17	130	139	80	98
12	1 r5	10 r10	11 r7	6 r8	8 r2
6	2 r5	21 r4	23 r1	13 r2	16 r2
8	2 r1	16 r2	17 r3	10	12 r2
4	4 r1	32 r2	34 r3	20	24 r2
9	1 r8	14 r4	15 r4	8 r8	10 r8

6)

÷	16	37	79	76	95
7	2 r2	5 r2	11 r2	10 r6	13 r4
10	1 r6	3 r7	7 r9	7 r6	9 r5
3	5 r1	12 r1	26 r1	25 r1	31 r2
12	1 r4	3 r1	6 r7	6 r4	7 r11
4	4	9 r1	19 r3	19	23 r3

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 4

Complete the table.

1)

÷	96	14	54	88	20
5	19 r1	2 r4	10 r4	17 r3	4
11	8 r8	1 r3	4 r10	8	1 r9
10	9 r6	1 r4	5 r4	8 r8	2
2	48	7	27	44	10
4	24	3 r2	13 r2	22	5

2)

÷	66	14	95	126	130
5	13 r1	2 r4	19	25 r1	26
7	9 r3	2	13 r4	18	18 r4
9	7 r3	1 r5	10 r5	14	14 r4
11	6	1 r3	8 r7	11 r5	11 r9
6	11	2 r2	15 r5	21	21 r4

3)

÷	19	107	23	28	119
4	4 r3	26 r3	5 r3	7	29 r3
12	1 r7	8 r11	1 r11	2 r4	9 r11
9	2 r1	11 r8	2 r5	3 r1	13 r2
5	3 r4	21 r2	4 r3	5 r3	23 r4
2	9 r1	53 r1	11 r1	14	59 r1

4)

÷	87	63	72	58	21
8	10 r7	7 r7	9	7 r2	2 r5
5	17 r2	12 r3	14 r2	11 r3	4 r1
6	14 r3	10 r3	12	9 r4	3 r3
11	7 r10	5 r8	6 r6	5 r3	1 r10
10	8 r7	6 r3	7 r2	5 r8	2 r1

5)

÷	76	125	113	98	79
9	8 r4	13 r8	12 r5	10 r8	8 r7
8	9 r4	15 r5	14 r1	12 r2	9 r7
10	7 r6	12 r5	11 r3	9 r8	7 r9
11	6 r10	11 r4	10 r3	8 r10	7 r2
7	10 r6	17 r6	16 r1	14	11 r2

6)

÷	57	40	113	137	22
11	5 r2	3 r7	10 r3	12 r5	2
6	9 r3	6 r4	18 r5	22 r5	3 r4
12	4 r9	3 r4	9 r5	11 r5	1 r10
3	19	13 r1	37 r2	45 r2	7 r1
10	5 r7	4	11 r3	13 r7	2 r2

Name:_____ Class:_____ Date:____/____/_____

Table Drill Division 5

Complete the table.

1)

÷	93	50	78	125	25
4	23 r1	12 r2	19 r2	31 r1	6 r1
2	46 r1	25	39	62 r1	12 r1
8	11 r5	6 r2	9 r6	15 r5	3 r1
11	8 r5	4 r6	7 r1	11 r4	2 r3
12	7 r9	4 r2	6 r6	10 r5	2 r1

2)

÷	91	48	18	84	69
2	45 r1	24	9	42	34 r1
8	11 r3	6	2 r2	10 r4	8 r5
10	9 r1	4 r8	1 r8	8 r4	6 r9
7	13	6 r6	2 r4	12	9 r6
5	18 r1	9 r3	3 r3	16 r4	13 r4

3)

÷	100	127	26	30	52
9	11 r1	14 r1	2 r8	3 r3	5 r7
5	20	25 r2	5 r1	6	10 r2
8	12 r4	15 r7	3 r2	3 r6	6 r4
4	25	31 r3	6 r2	7 r2	13
11	9 r1	11 r6	2 r4	2 r8	4 r8

4)

÷	103	101	44	74	31
9	11 r4	11 r2	4 r8	8 r2	3 r4
7	14 r5	14 r3	6 r2	10 r4	4 r3
6	17 r1	16 r5	7 r2	12 r2	5 r1
3	34 r1	33 r2	14 r2	24 r2	10 r1
11	9 r4	9 r2	4	6 r8	2 r9

5)

÷	23	52	66	93	77
11	2 r1	4 r8	6	8 r5	7
7	3 r2	7 r3	9 r3	13 r2	11
6	3 r5	8 r4	11	15 r3	12 r5
5	4 r3	10 r2	13 r1	18 r3	15 r2
8	2 r7	6 r4	8 r2	11 r5	9 r5

6)

÷	95	110	139	136	57
5	19	22	27 r4	27 r1	11 r2
8	11 r7	13 r6	17 r3	17	7 r1
4	23 r3	27 r2	34 r3	34	14 r1
12	7 r11	9 r2	11 r7	11 r4	4 r9
2	47 r1	55	69 r1	68	28 r1

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 1

Complete the table.

1)

✖	7	8	11	6	4
3	21	24	33	18	12
6	42	48	66	36	24
9	63	72	99	54	36
8	56	64	88	48	32
4	28	32	44	24	16

2)

✖	11	3	8	12	4
3	33	9	24	36	12
10	110	30	80	120	40
12	132	36	96	144	48
6	66	18	48	72	24
11	121	33	88	132	44

3)

✖	7	10	8	3	2
7	49	70	56	21	14
4	28	40	32	12	8
3	21	30	24	9	6
9	63	90	72	27	18
12	84	120	96	36	24

4)

✖	4	12	6	5	9
11	44	132	66	55	99
7	28	84	42	35	63
12	48	144	72	60	108
3	12	36	18	15	27
10	40	120	60	50	90

5)

✖	6	10	3	12	8
2	12	20	6	24	16
11	66	110	33	132	88
9	54	90	27	108	72
12	72	120	36	144	96
6	36	60	18	72	48

6)

✖	4	5	3	2	11
10	40	50	30	20	110
2	8	10	6	4	22
3	12	15	9	6	33
7	28	35	21	14	77
12	48	60	36	24	132

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 2

Complete the table.

1)

✖	5	4	8	10	9
5	25	20	40	50	45
3	15	12	24	30	27
12	60	48	96	120	108
11	55	44	88	110	99
7	35	28	56	70	63

2)

✖	2	11	10	8	6
10	20	110	100	80	60
7	14	77	70	56	42
6	12	66	60	48	36
9	18	99	90	72	54
5	10	55	50	40	30

3)

✖	3	12	9	8	10
10	30	120	90	80	100
4	12	48	36	32	40
11	33	132	99	88	110
5	15	60	45	40	50
3	9	36	27	24	30

4)

✖	11	12	3	6	4
10	110	120	30	60	40
4	44	48	12	24	16
7	77	84	21	42	28
5	55	60	15	30	20
2	22	24	6	12	8

5)

✖	4	6	9	5	11
11	44	66	99	55	121
5	20	30	45	25	55
8	32	48	72	40	88
12	48	72	108	60	132
3	12	18	27	15	33

6)

✖	4	5	7	8	3
7	28	35	49	56	21
4	16	20	28	32	12
3	12	15	21	24	9
12	48	60	84	96	36
11	44	55	77	88	33

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 3

Complete the table.

1)

✖	9	3	4	5	6
11	99	33	44	55	66
6	54	18	24	30	36
3	27	9	12	15	18
5	45	15	20	25	30
12	108	36	48	60	72

2)

✖	5	8	2	7	11
10	50	80	20	70	110
9	45	72	18	63	99
11	55	88	22	77	121
3	15	24	6	21	33
12	60	96	24	84	132

3)

✖	2	11	9	7	10
9	18	99	81	63	90
3	6	33	27	21	30
8	16	88	72	56	80
2	4	22	18	14	20
4	8	44	36	28	40

4)

✖	3	5	6	12	8
5	15	25	30	60	40
9	27	45	54	108	72
8	24	40	48	96	64
11	33	55	66	132	88
7	21	35	42	84	56

5)

✖	7	12	11	5	3
8	56	96	88	40	24
7	49	84	77	35	21
5	35	60	55	25	15
11	77	132	121	55	33
12	84	144	132	60	36

6)

✖	9	2	5	10	7
5	45	10	25	50	35
10	90	20	50	100	70
7	63	14	35	70	49
4	36	8	20	40	28
12	108	24	60	120	84

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 4

Complete the table.

1)

✖	2	11	7	6	3
5	10	55	35	30	15
4	8	44	28	24	12
2	4	22	14	12	6
10	20	110	70	60	30
11	22	121	77	66	33

2)

✖	9	5	6	3	11
5	45	25	30	15	55
6	54	30	36	18	66
4	36	20	24	12	44
7	63	35	42	21	77
8	72	40	48	24	88

3)

✖	6	5	2	3	4
5	30	25	10	15	20
4	24	20	8	12	16
6	36	30	12	18	24
3	18	15	6	9	12
8	48	40	16	24	32

4)

✖	9	11	6	7	8
5	45	55	30	35	40
10	90	110	60	70	80
8	72	88	48	56	64
2	18	22	12	14	16
6	54	66	36	42	48

5)

✖	3	4	6	11	9
8	24	32	48	88	72
7	21	28	42	77	63
4	12	16	24	44	36
3	9	12	18	33	27
2	6	8	12	22	18

6)

✖	5	2	11	8	6
11	55	22	121	88	66
5	25	10	55	40	30
7	35	14	77	56	42
2	10	4	22	16	12
12	60	24	132	96	72

Name:_____ Class:_____ Date:____/____/_____

Table-Drill Multiplication 5

Complete the table.

1)

✖	9	10	11	4	12
12	108	120	132	48	144
10	90	100	110	40	120
3	27	30	33	12	36
6	54	60	66	24	72
7	63	70	77	28	84

2)

✖	2	6	10	4	9
5	10	30	50	20	45
7	14	42	70	28	63
10	20	60	100	40	90
9	18	54	90	36	81
4	8	24	40	16	36

3)

✖	4	3	9	5	7
6	24	18	54	30	42
2	8	6	18	10	14
11	44	33	99	55	77
10	40	30	90	50	70
4	16	12	36	20	28

4)

✖	6	11	2	10	5
9	54	99	18	90	45
2	12	22	4	20	10
6	36	66	12	60	30
5	30	55	10	50	25
8	48	88	16	80	40

5)

✖	9	7	3	4	5
10	90	70	30	40	50
5	45	35	15	20	25
12	108	84	36	48	60
9	81	63	27	36	45
2	18	14	6	8	10

6)

✖	5	6	4	12	9
12	60	72	48	144	108
10	50	60	40	120	90
3	15	18	12	36	27
2	10	12	8	24	18
5	25	30	20	60	45

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 1

Complete the table.

1)

−	28	18	23	21	22
6	22	12	17	15	16
2	26	16	21	19	20
4	24	14	19	17	18
3	25	15	20	18	19
10	18	8	13	11	12

2)

−	30	23	13	14	22
7	23	16	6	7	15
6	24	17	7	8	16
10	20	13	3	4	12
2	28	21	11	12	20
8	22	15	5	6	14

3)

−	17	13	22	27	28
2	15	11	20	25	26
8	9	5	14	19	20
10	7	3	12	17	18
4	13	9	18	23	24
9	8	4	13	18	19

4)

−	25	16	26	15	20
6	19	10	20	9	14
7	18	9	19	8	13
9	16	7	17	6	11
4	21	12	22	11	16
3	22	13	23	12	17

5)

−	14	20	21	27	22
3	11	17	18	24	19
7	7	13	14	20	15
4	10	16	17	23	18
8	6	12	13	19	14
5	9	15	16	22	17

6)

−	30	25	14	20	26
10	20	15	4	10	16
8	22	17	6	12	18
5	25	20	9	15	21
3	27	22	11	17	23
6	24	19	8	14	20

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 2

Complete the table.

1)

−	19	11	27	12	18
8	11	3	19	4	10
6	13	5	21	6	12
10	9	1	17	2	8
2	17	9	25	10	16
9	10	2	18	3	9

2)

−	23	24	19	22	21
9	14	15	10	13	12
8	15	16	11	14	13
4	19	20	15	18	17
6	17	18	13	16	15
2	21	22	17	20	19

3)

−	12	17	19	20	11
4	8	13	15	16	7
8	4	9	11	12	3
5	7	12	14	15	6
9	3	8	10	11	2
10	2	7	9	10	1

4)

−	15	26	16	27	14
5	10	21	11	22	9
6	9	20	10	21	8
7	8	19	9	20	7
8	7	18	8	19	6
2	13	24	14	25	12

5)

−	12	11	16	22	29
6	6	5	10	16	23
3	9	8	13	19	26
10	2	1	6	12	19
9	3	2	7	13	20
8	4	3	8	14	21

6)

−	22	30	17	18	26
6	16	24	11	12	20
3	19	27	14	15	23
10	12	20	7	8	16
5	17	25	12	13	21
9	13	21	8	9	17

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 3

Complete the table.

1)

−	14	26	17	19	16
5	9	21	12	14	11
9	5	17	8	10	7
6	8	20	11	13	10
4	10	22	13	15	12
2	12	24	15	17	14

2)

−	30	21	26	11	27
4	26	17	22	7	23
2	28	19	24	9	25
6	24	15	20	5	21
9	21	12	17	2	18
7	23	14	19	4	20

3)

−	11	12	28	20	14
7	4	5	21	13	7
3	8	9	25	17	11
9	2	3	19	11	5
6	5	6	22	14	8
10	1	2	18	10	4

4)

−	14	24	12	17	20
5	9	19	7	12	15
6	8	18	6	11	14
3	11	21	9	14	17
4	10	20	8	13	16
8	6	16	4	9	12

5)

−	16	19	18	11	28
8	8	11	10	3	20
9	7	10	9	2	19
7	9	12	11	4	21
5	11	14	13	6	23
10	6	9	8	1	18

6)

−	20	28	12	26	14
3	17	25	9	23	11
6	14	22	6	20	8
7	13	21	5	19	7
4	16	24	8	22	10
5	15	23	7	21	9

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 4

Complete the table.

1)

−	25	23	28	30	11
8	17	15	20	22	3
7	18	16	21	23	4
4	21	19	24	26	7
3	22	20	25	27	8
10	15	13	18	20	1

2)

−	26	12	21	30	25
7	19	5	14	23	18
4	22	8	17	26	21
10	16	2	11	20	15
6	20	6	15	24	19
5	21	7	16	25	20

3)

−	19	18	13	29	24
2	17	16	11	27	22
10	9	8	3	19	14
8	11	10	5	21	16
5	14	13	8	24	19
7	12	11	6	22	17

4)

−	23	11	16	15	24
4	19	7	12	11	20
6	17	5	10	9	18
2	21	9	14	13	22
3	20	8	13	12	21
8	15	3	8	7	16

5)

−	20	12	17	24	18
9	11	3	8	15	9
3	17	9	14	21	15
7	13	5	10	17	11
8	12	4	9	16	10
10	10	2	7	14	8

6)

−	14	16	26	22	25
10	4	6	16	12	15
8	6	8	18	14	17
3	11	13	23	19	22
6	8	10	20	16	19
5	9	11	21	17	20

Name:_____ Class:_____ Date:____/____/_____

Table Drill Subtraction 5

Complete the table.

1)

−	13	23	30	26	27
2	11	21	28	24	25
10	3	13	20	16	17
4	9	19	26	22	23
3	10	20	27	23	24
7	6	16	23	19	20

2)

−	16	22	11	13	30
5	11	17	6	8	25
9	7	13	2	4	21
10	6	12	1	3	20
2	14	20	9	11	28
3	13	19	8	10	27

3)

−	17	11	18	21	29
4	13	7	14	17	25
3	14	8	15	18	26
10	7	1	8	11	19
5	12	6	13	16	24
6	11	5	12	15	23

4)

−	29	22	20	19	13
4	25	18	16	15	9
6	23	16	14	13	7
5	24	17	15	14	8
8	21	14	12	11	5
7	22	15	13	12	6

5)

−	26	14	24	20	30
8	18	6	16	12	22
9	17	5	15	11	21
5	21	9	19	15	25
3	23	11	21	17	27
7	19	7	17	13	23

6)

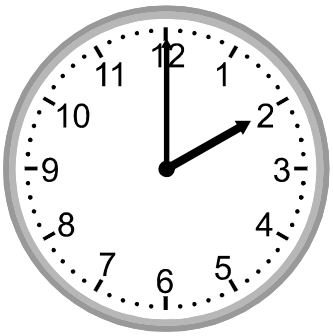
−	25	19	21	11	30
8	17	11	13	3	22
4	21	15	17	7	26
9	16	10	12	2	21
6	19	13	15	5	24
2	23	17	19	9	28

Name:_____ Class:_____ Date:____/____/_____

Telling Time 1

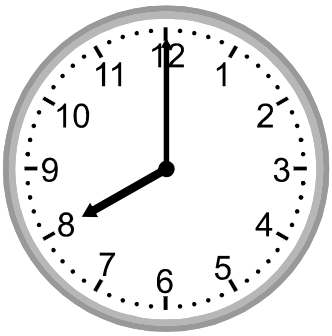
Show the time for each clock.

1)



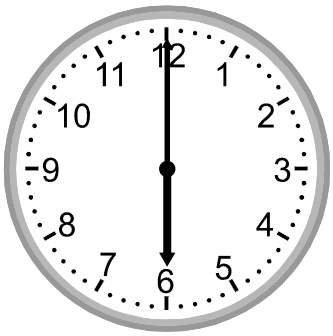
2:00

2)



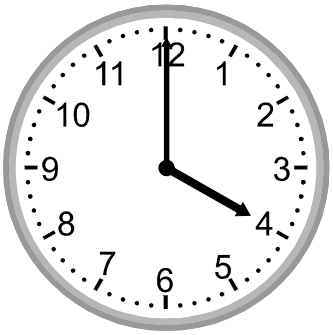
8:00

3)



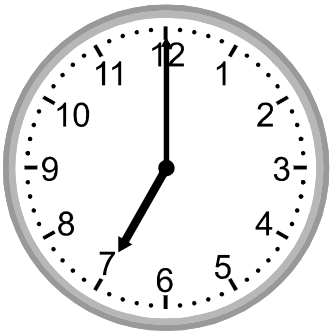
6:00

4)



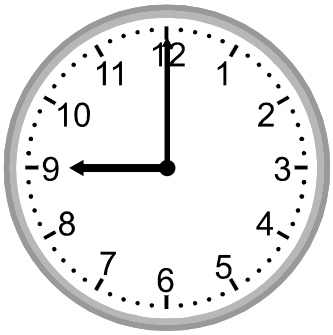
4:00

5)



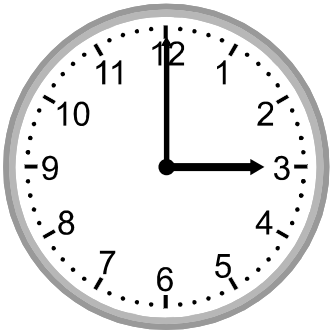
7:00

6)



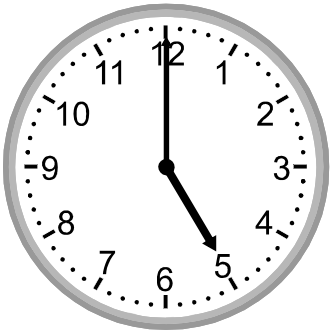
9:00

7)



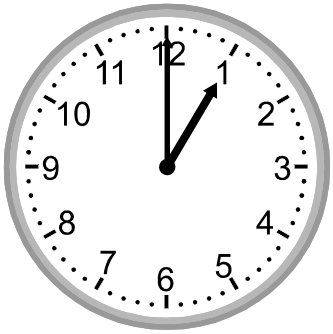
3:00

8)



5:00

9)



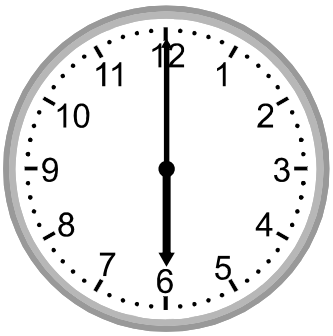
1:00

Name:_____ Class:_____ Date:____/____/_____

Telling Time 2

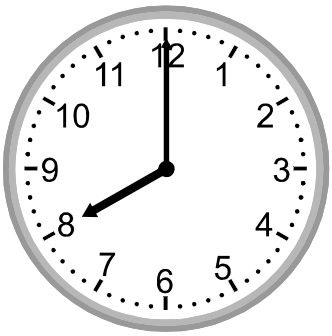
Show the time for each clock.

1)



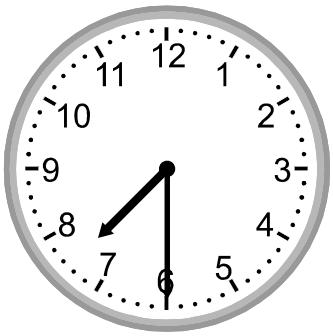
6:00

2)



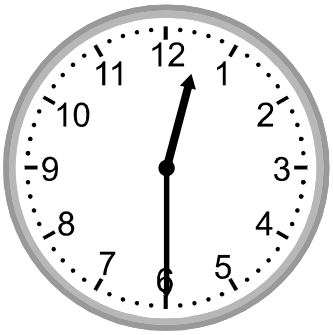
8:00

3)



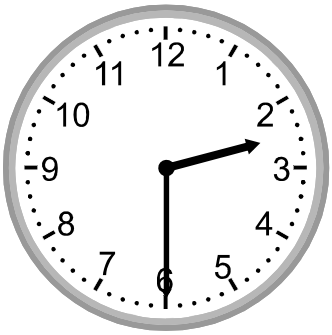
7:30

4)



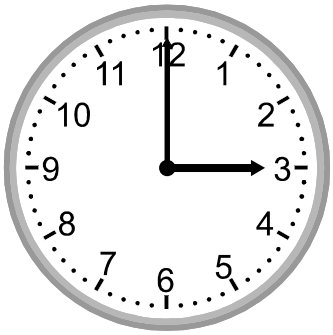
12:30

5)



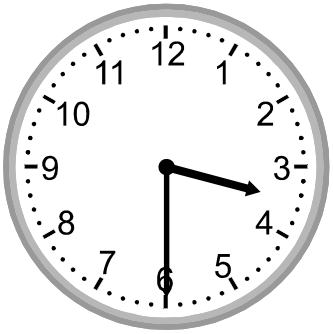
2:30

6)



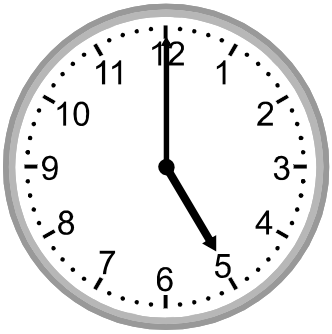
3:00

7)



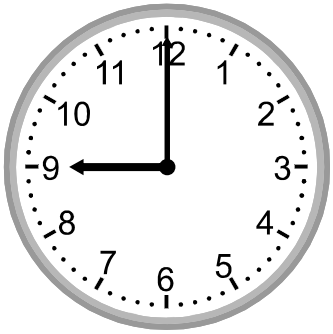
3:30

8)



5:00

9)



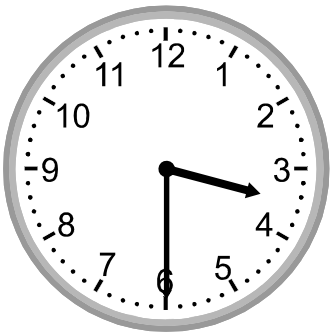
9:00

Name:_____ Class:_____ Date:____/____/_____

Telling Time 3

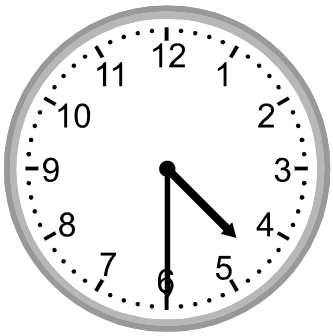
Show the time for each clock.

1)



3:30

2)



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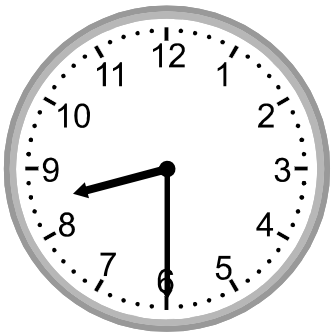
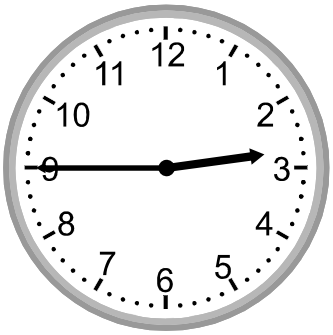
3)



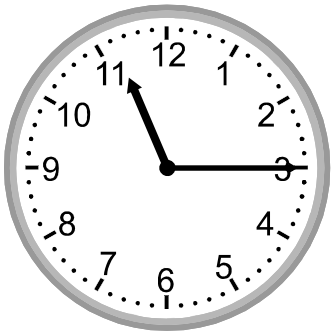
8:30

4)



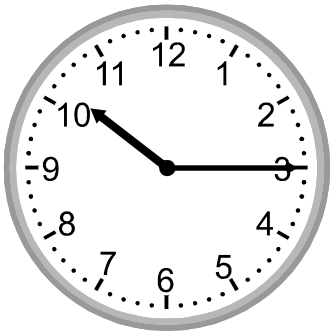
2:45

5)



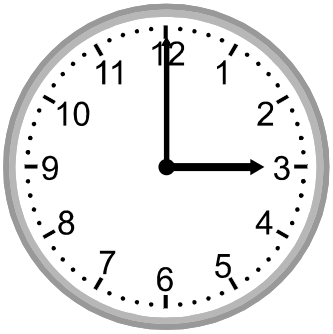
11:15

6)



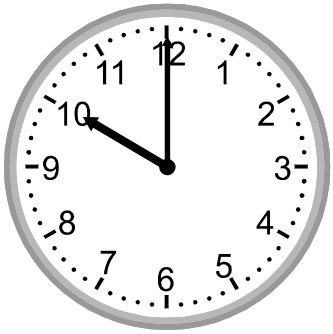
10:15

7)



3:00

8)



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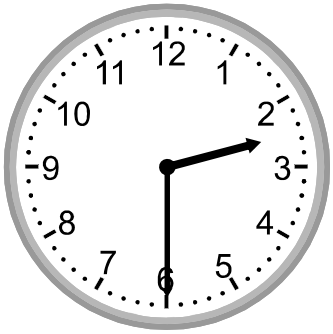
9)



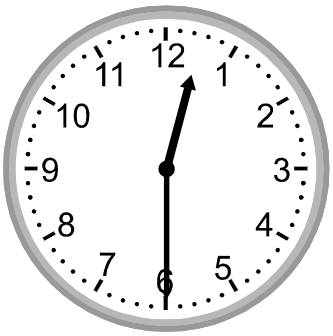
2:30

Name:_____ Class:_____ Date:____/____/_____

Telling Time 4

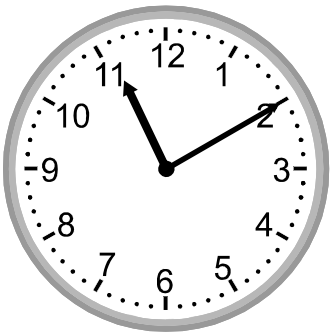
Show the time for each clock.

1)



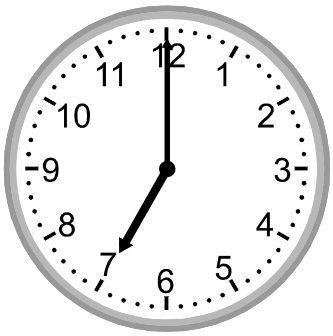
12:30

2)



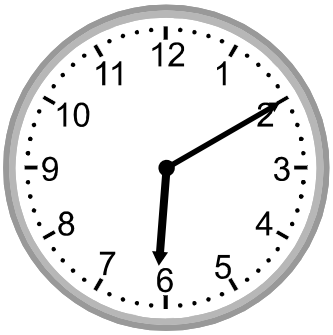
11:10

3)



7:00

4)



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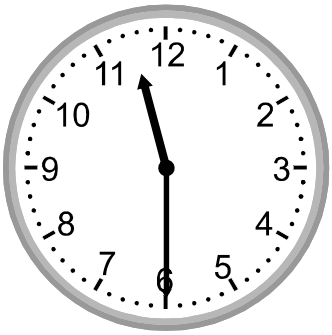

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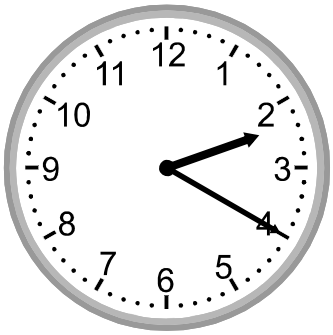
6)



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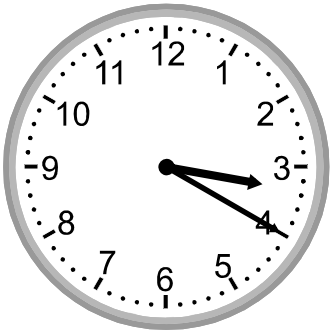
7)



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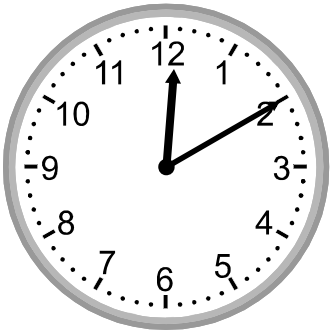

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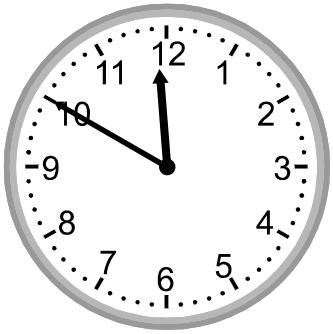
9)



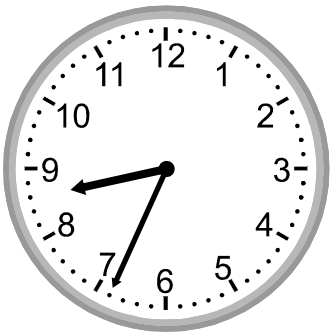
11:50

Name:_____ Class:_____ Date:____/____/_____

Telling Time 6

Show the time for each clock.

1)



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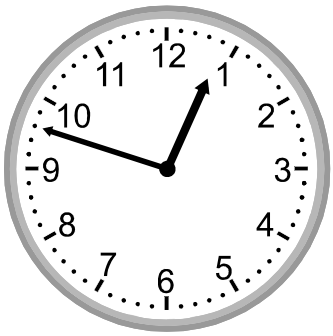
2)



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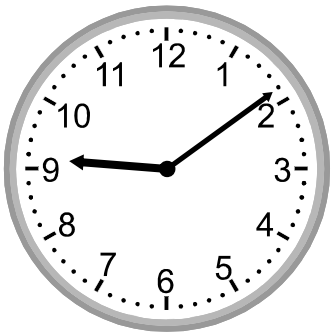
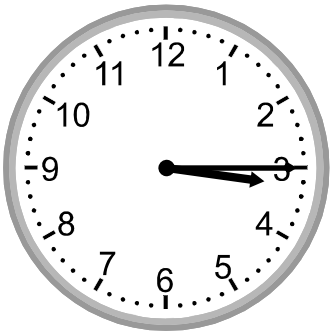
3)



9:09

4)



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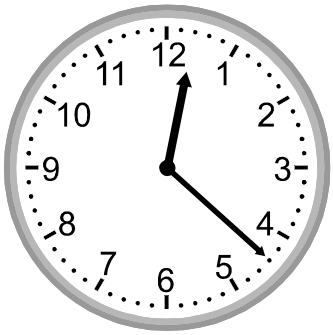
5)



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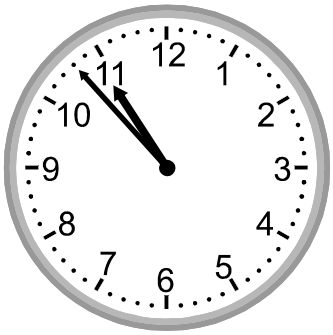

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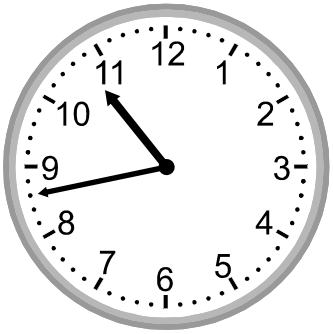

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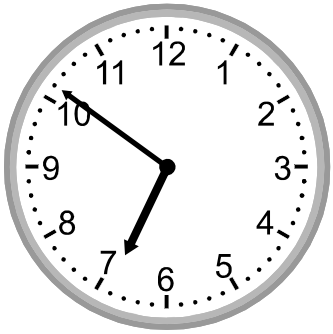

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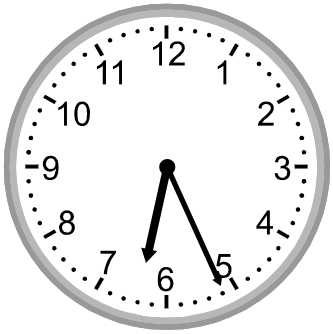


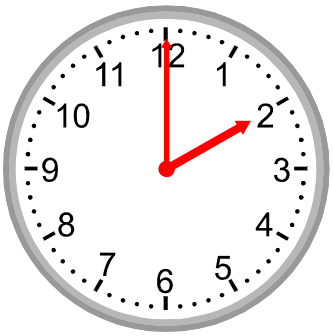
6:26

Name:_____ Class:_____ Date:____/____/_____

Telling Time 7

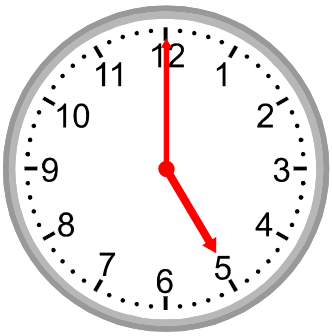
Show the time for each clock.

1)



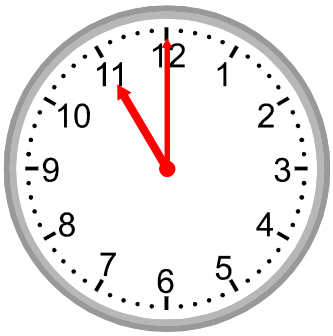
2:00

2)



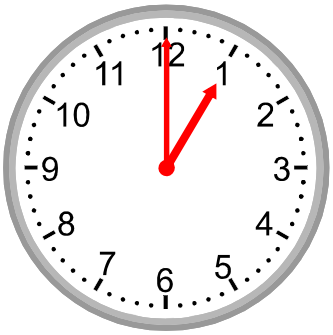
5:00

3)



11:00

4)



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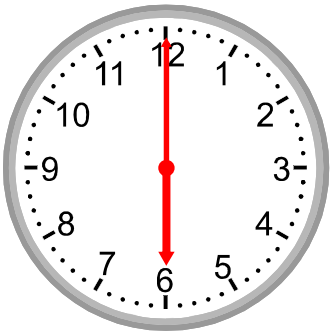
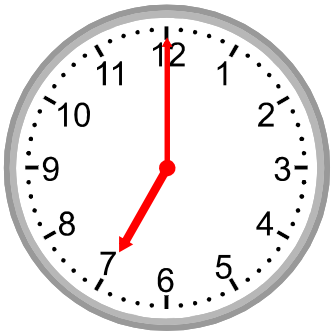


6:00

6)



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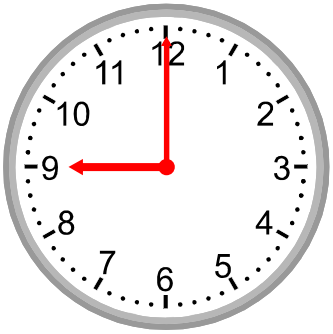
7)



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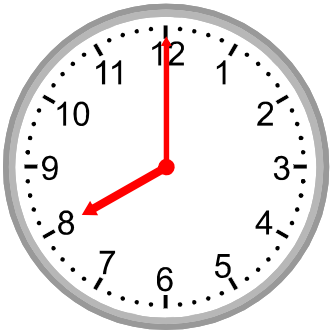
8)



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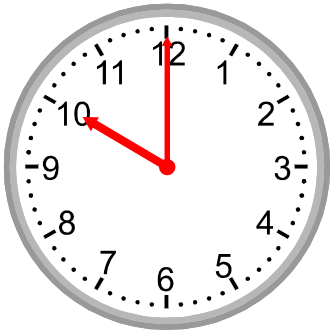
9)



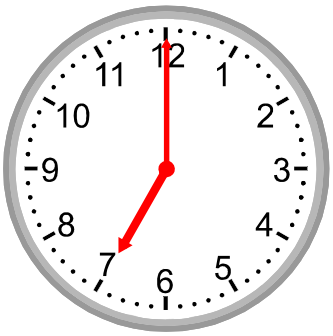
10:00

Name:_____ Class:_____ Date:____/____/_____

Telling Time 8

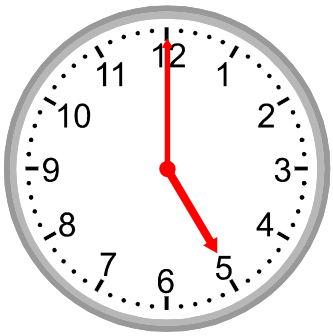
Show the time for each clock.

1)



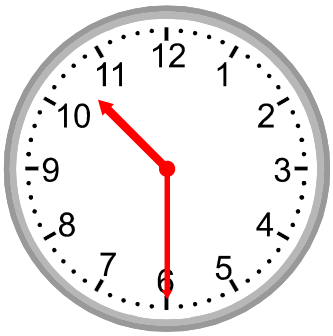
7:00

2)



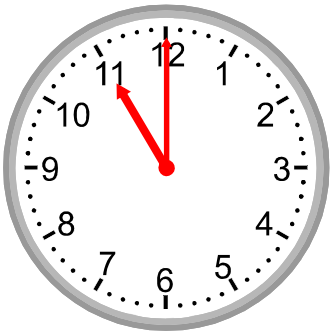
5:00

3)



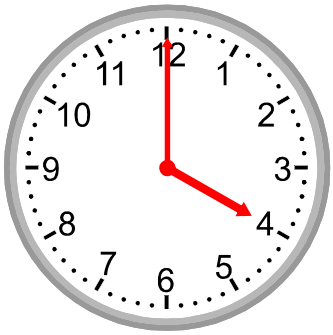
10:30

4)



11:00

5)



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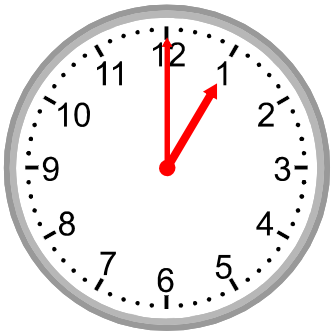
6)



1:00

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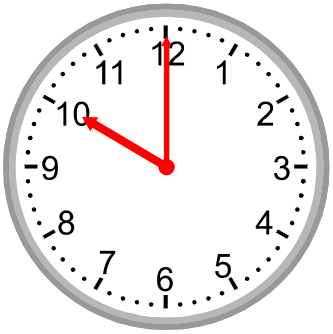
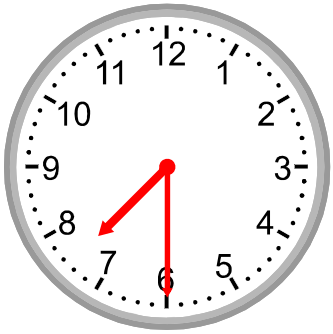


10:00

8)



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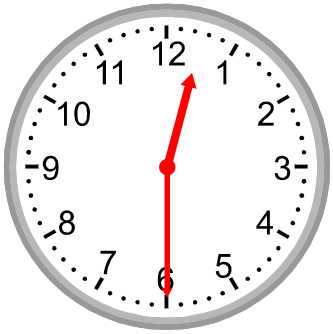
9)



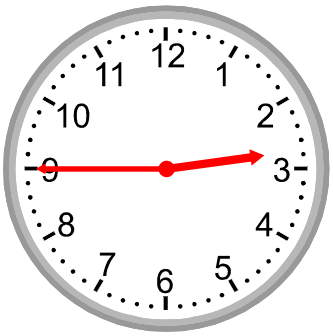
12:30

Name:_____ Class:_____ Date:____/____/_____

Telling Time 9

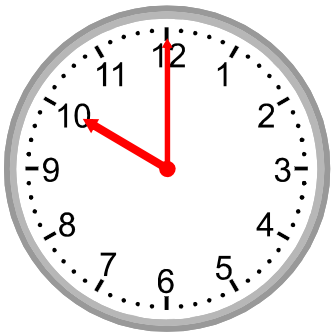
Show the time for each clock.

1)



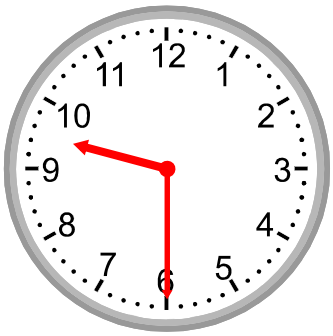
2:45

2)



10:00

3)



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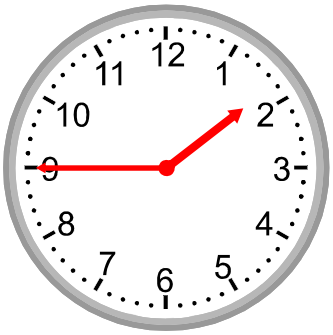
4)



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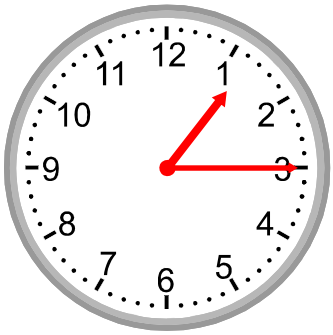

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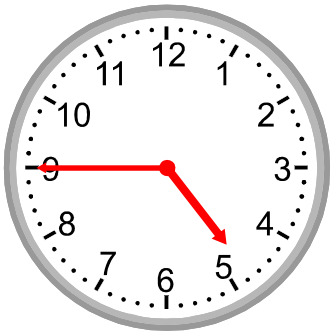

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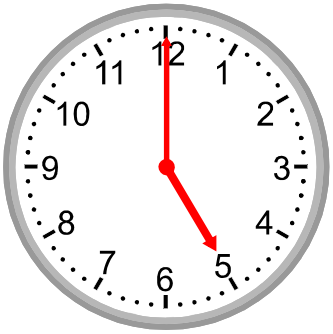
7)



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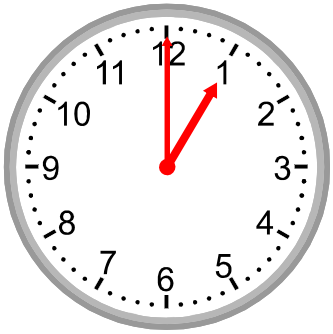
8)

12:45

9)



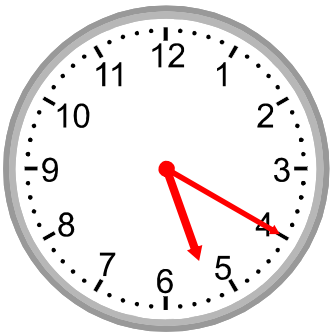
1:00

Name:_____ Class:_____ Date:____/____/_____

Telling Time 10

Show the time for each clock.

1)



5:20

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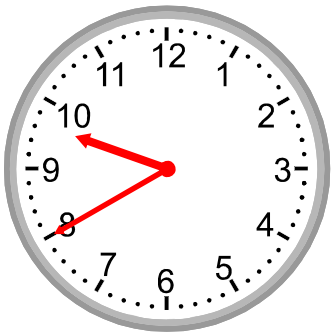

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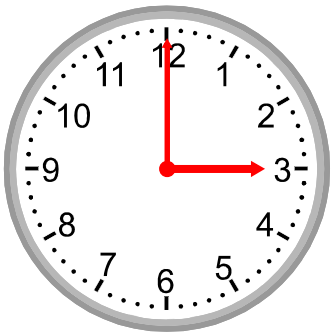
3)



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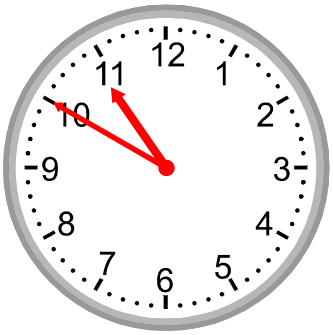
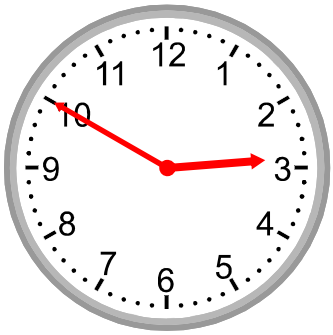
4)



10:50

5)



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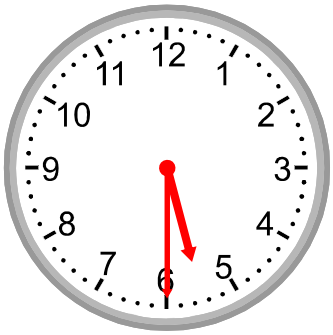

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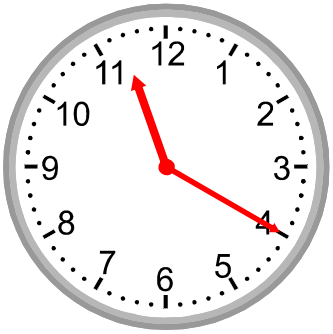

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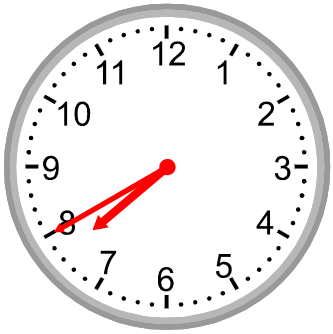

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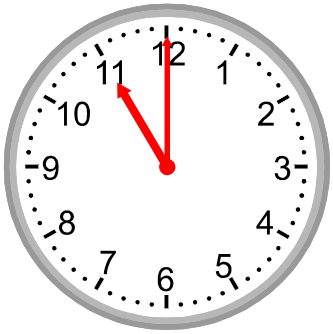

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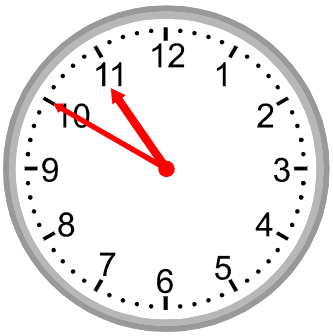
Name:_____ Class:_____ Date:____/____/_____

Telling Time 11

Show the time for each clock.

1)



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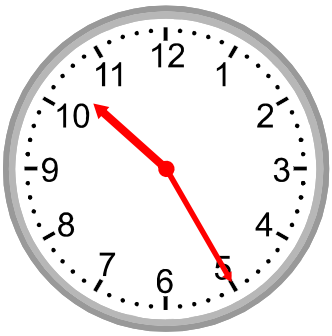

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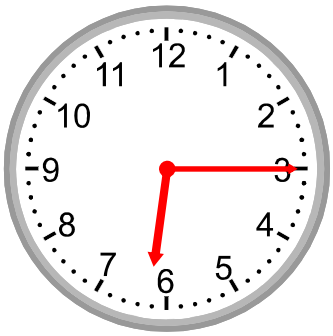

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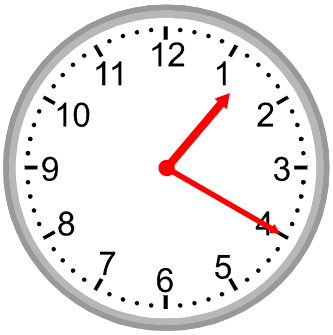

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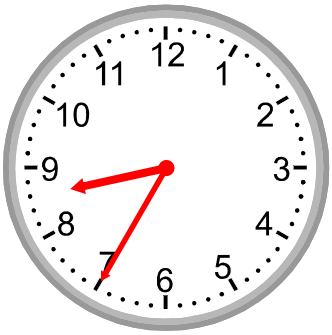

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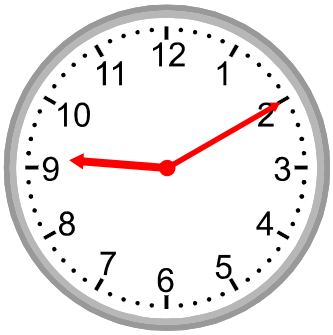

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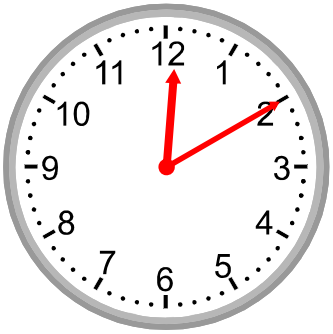

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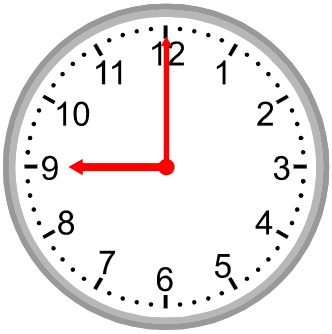

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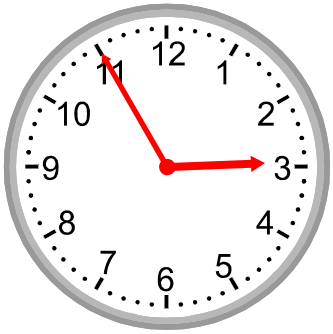

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 12

Show the time for each clock.

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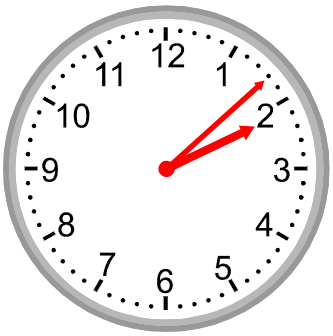

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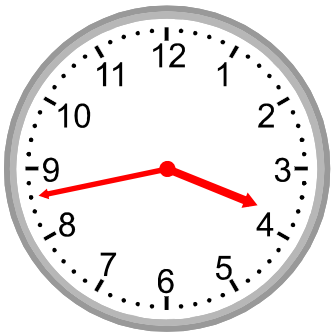

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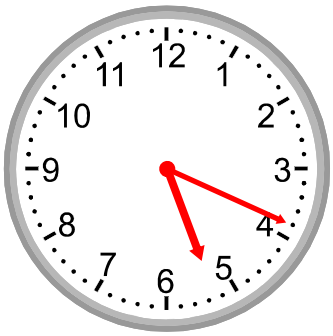

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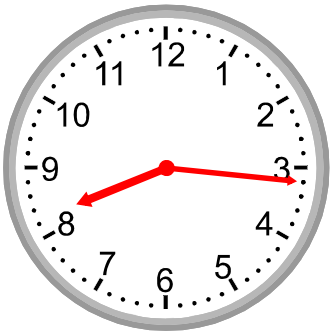

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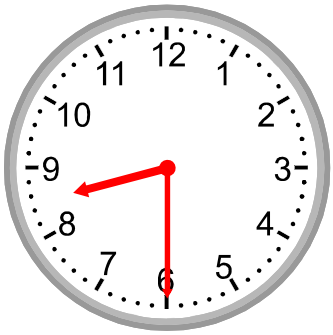

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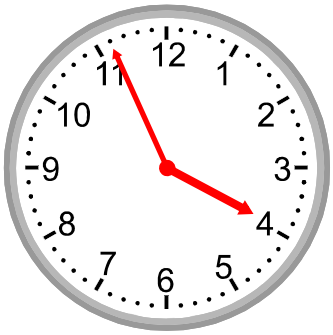

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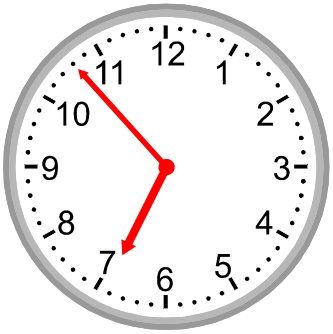

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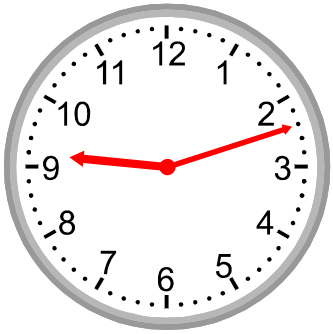

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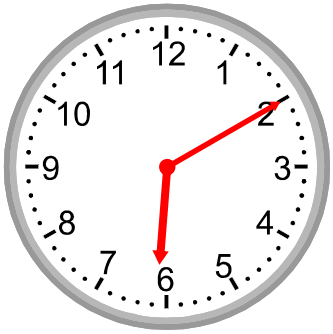

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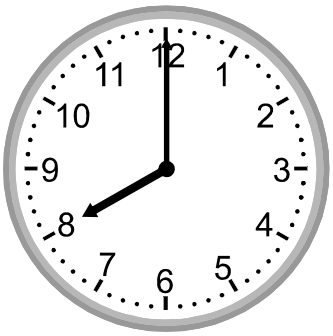
Name:_____ Class:_____ Date:____/____/_____

Telling Time 13

Show the time for each clock.

1)



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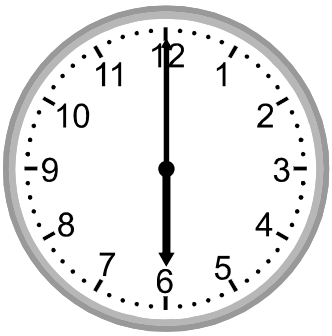

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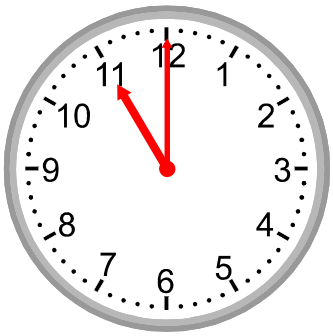

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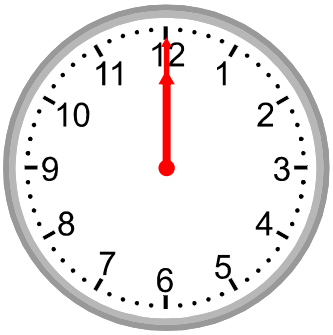

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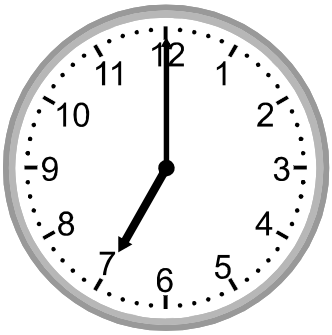

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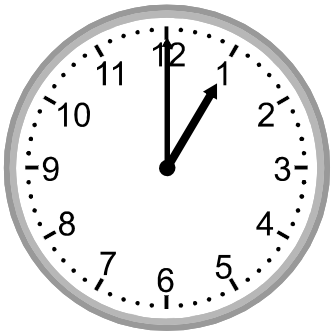

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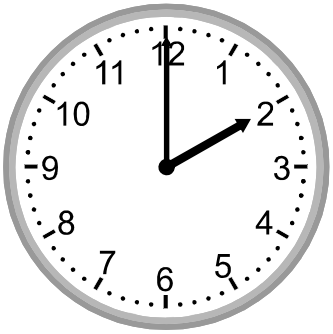

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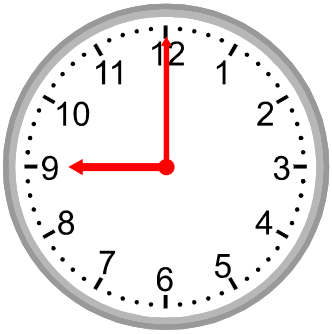

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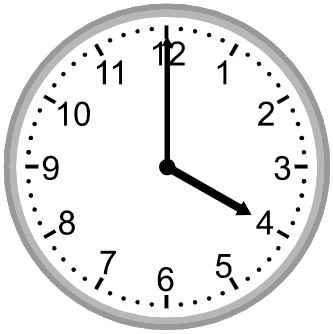

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Name:_____ Class:_____ Date:____/____/_____

Telling Time 14

Show the time for each clock.

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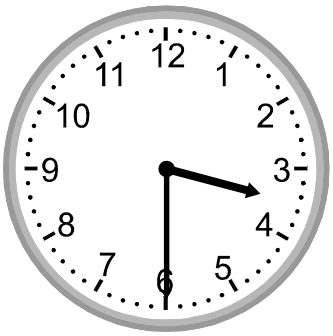

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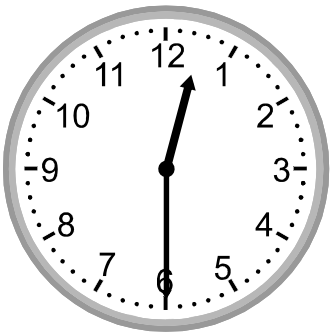

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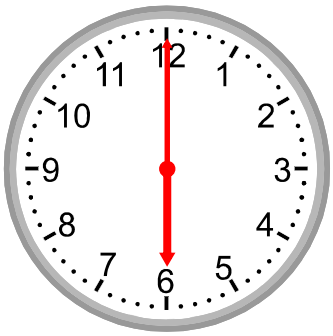

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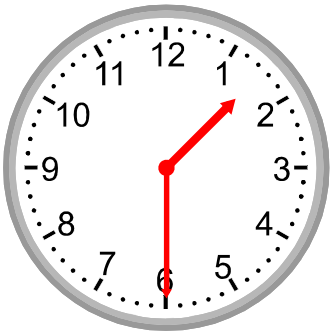

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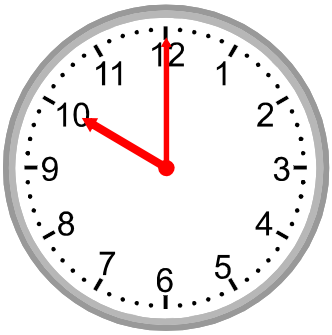

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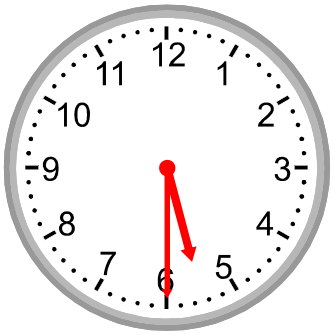

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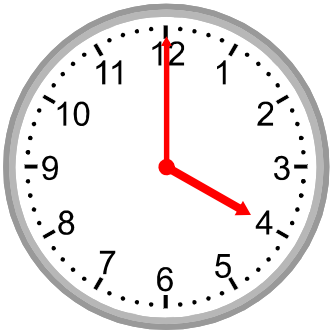

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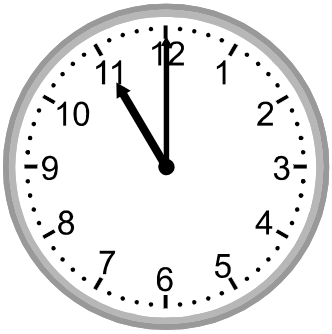

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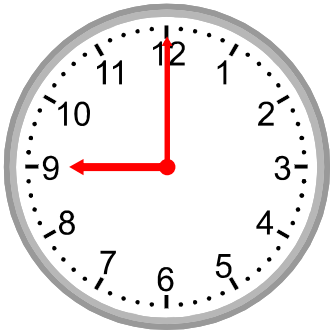

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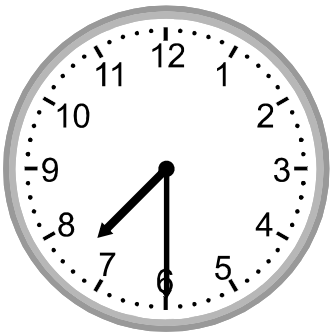
Name:_____ Class:_____ Date:____/____/_____

Telling Time 15

Show the time for each clock.

1)



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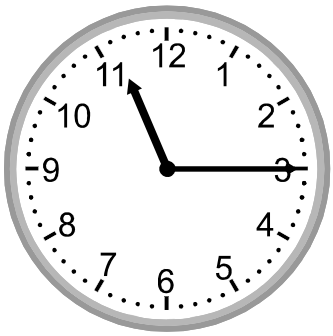

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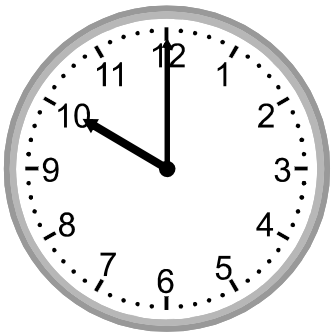

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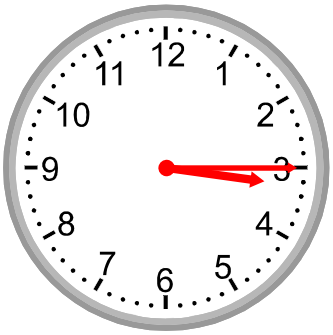

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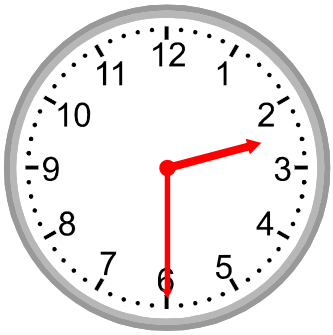

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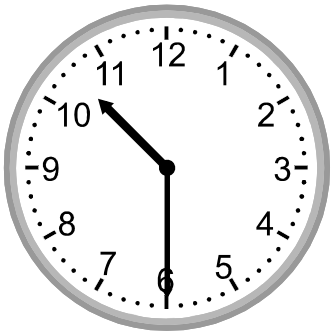

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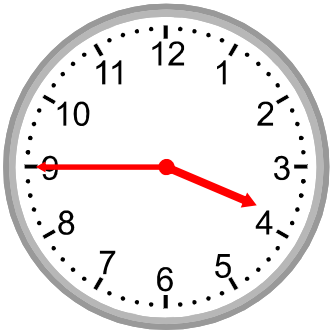

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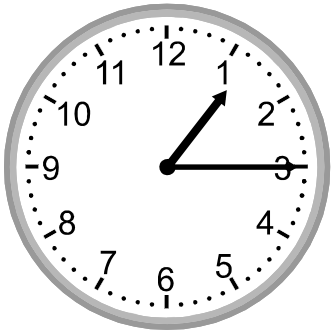

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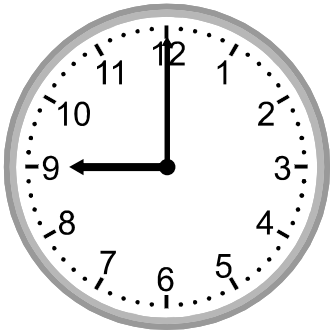

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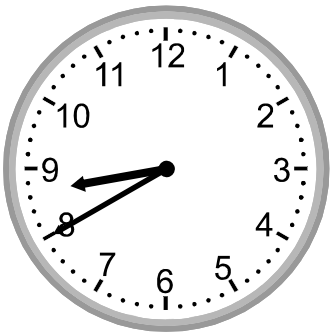
Name:_____ Class:_____ Date:____/____/_____

Telling Time 16

Show the time for each clock.

1)



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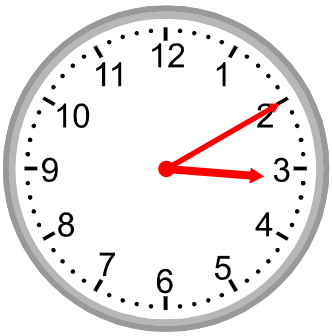

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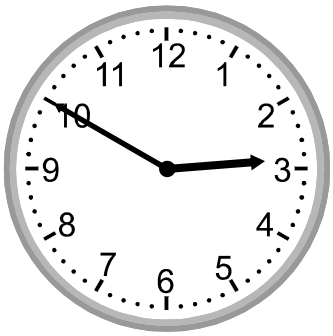
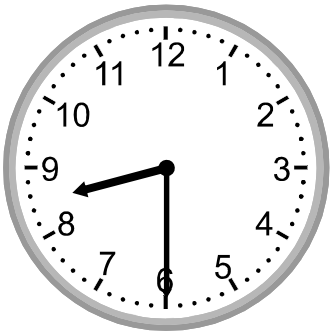


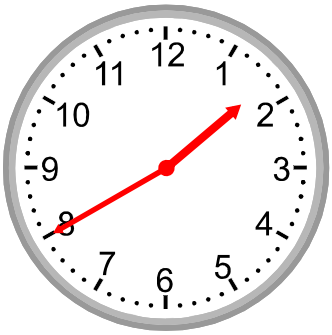
2:50

4)



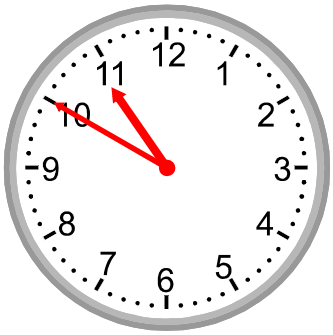
8:30

5)



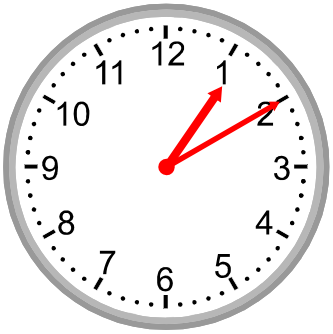
1:40

6)



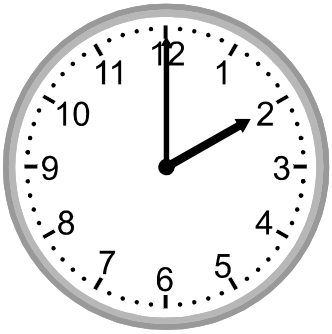
10:50

7)



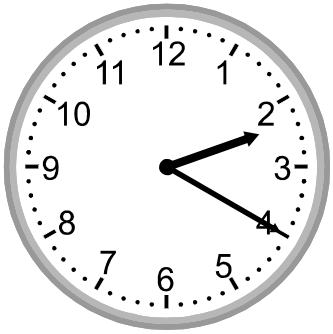
1:10

8)



2:00

9)



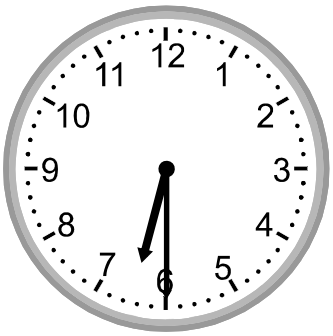
2:20

Name:_____ Class:_____ Date:____/____/_____

Telling Time 17

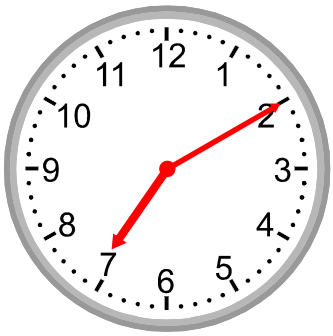
Show the time for each clock.

1)



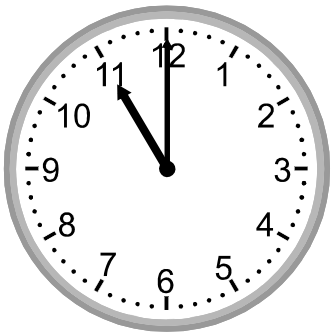
6:30

2)



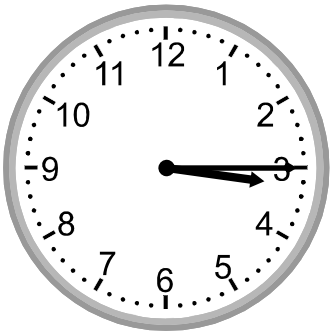
7:10

3)



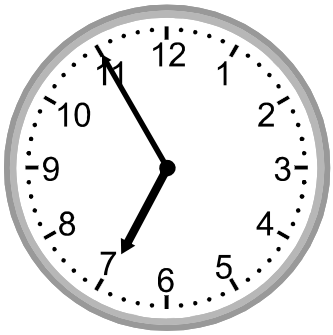
11:00

4)



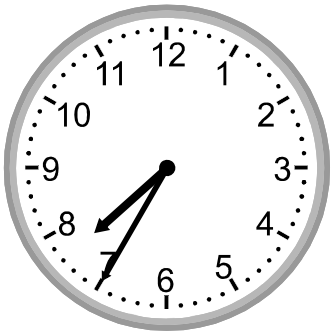
3:15

5)



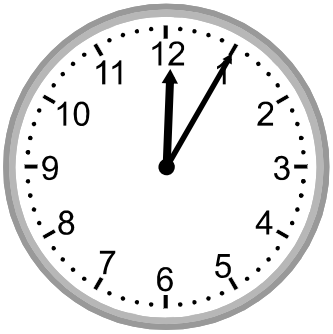
6:55

6)



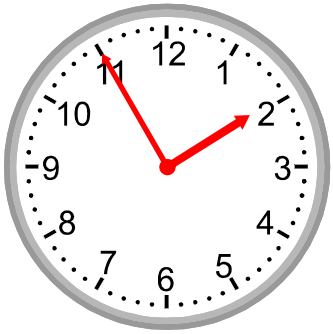
7:35

7)



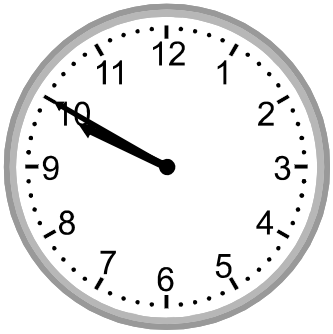
12:05

8)



1:55

9)



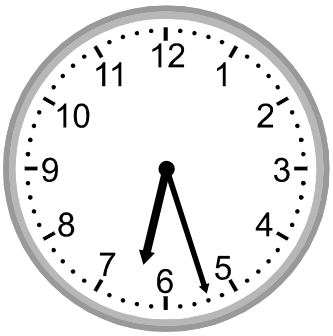
9:50

Name:_____ Class:_____ Date:____/____/_____

Telling Time 18

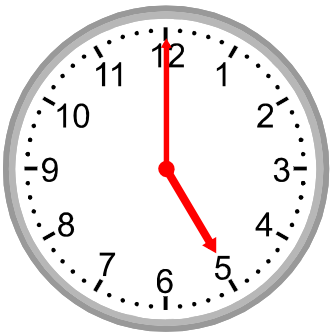
Show the time for each clock.

1)



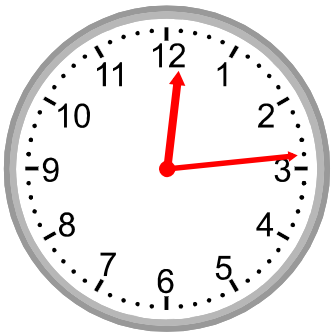
6:27

2)



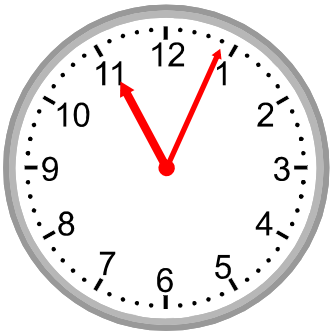
5:00

3)



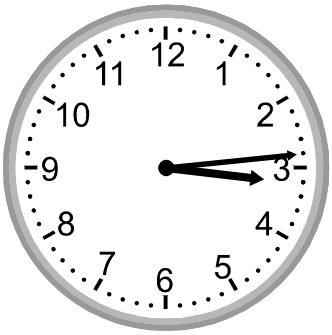
12:14

4)



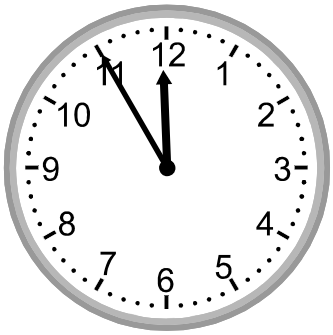
11:04

5)



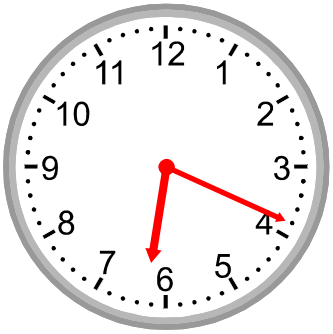
3:14

6)



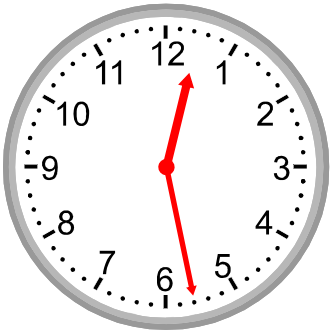
11:55

7)



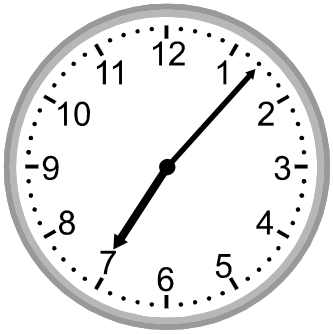
6:19

8)



12:28

9)



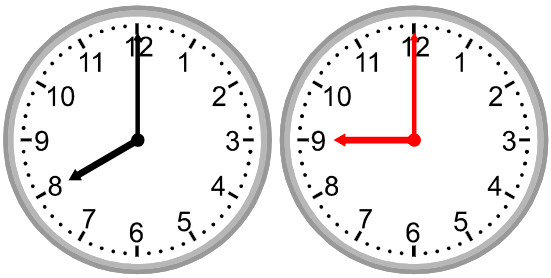
7:07

Name:_____ Class:_____ Date:____/____/_____

Time Passages 1

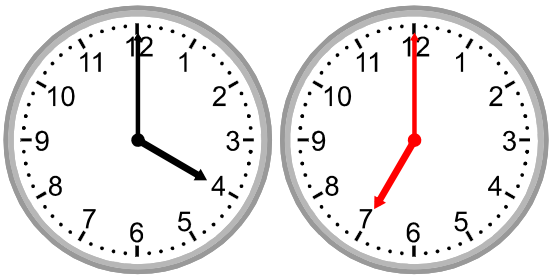
Draw the clock hands to show the passage of time.

1)



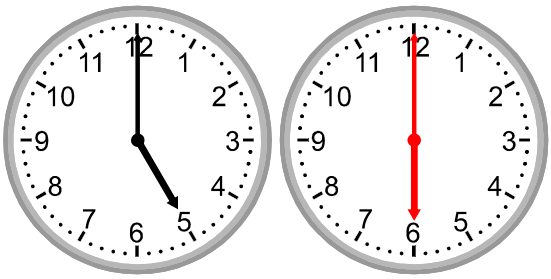
What time will it be in 1 hour?

2)



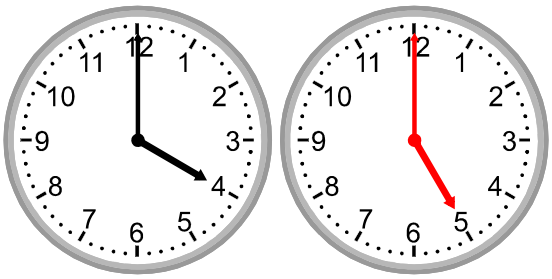
What time will it be in 3 hours?

3)



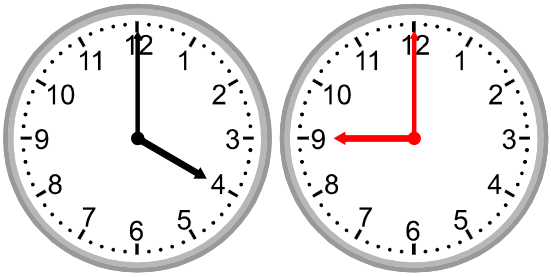
What time will it be in 1 hour?

4)



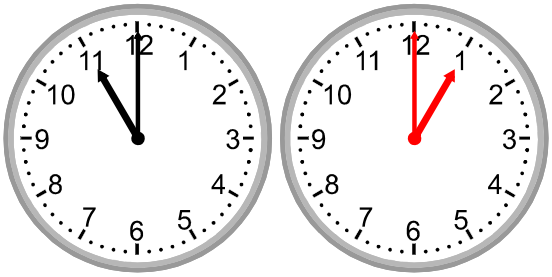
What time will it be in 1 hour?

5)



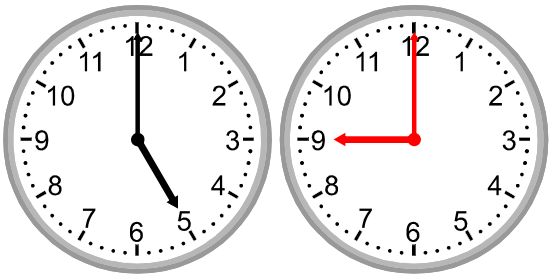
What time will it be in 5 hours?

6)



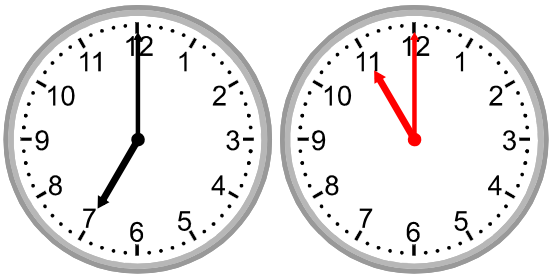
What time will it be in 2 hours?

7)



What time will it be in 4 hours?

8)



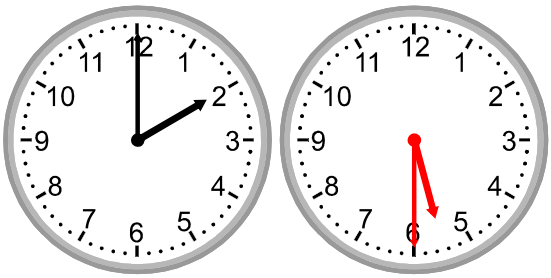
What time will it be in 4 hours?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 2

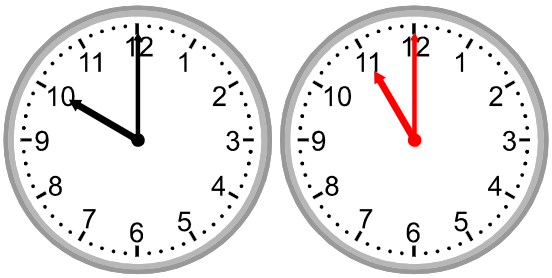
Draw the clock hands to show the passage of time.

1)



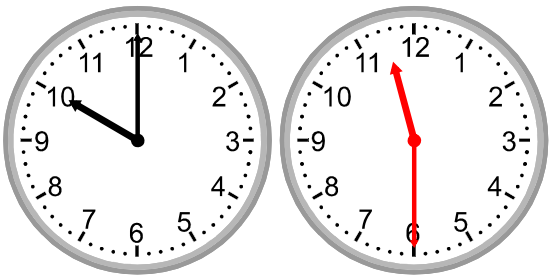
What time will it be in 3 hours 30 minutes?

2)



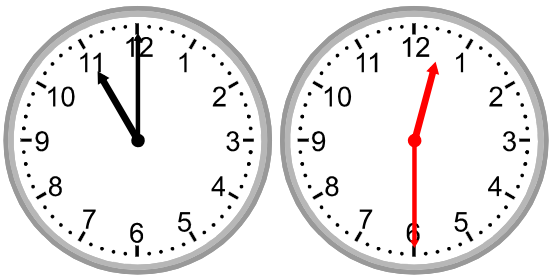
What time will it be in 1 hour?

3)



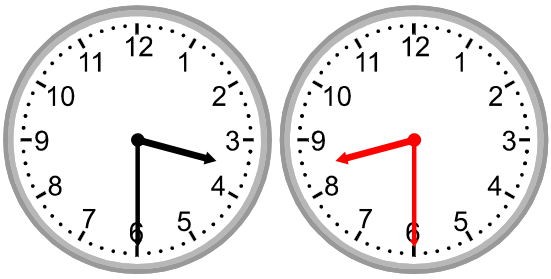
What time will it be in 1 hour 30 minutes?

4)



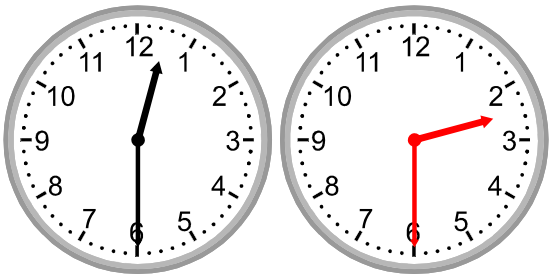
What time will it be in 1 hour 30 minutes?

5)



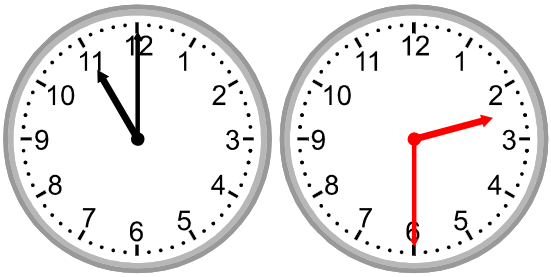
What time will it be in 5 hours?

6)



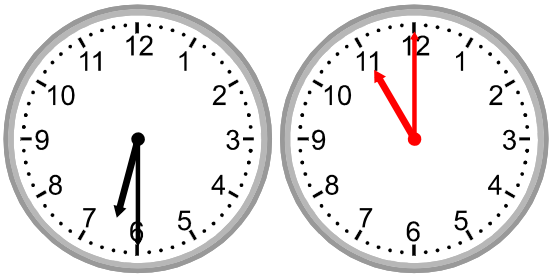
What time will it be in 2 hours?

7)



What time will it be in 3 hours 30 minutes?

8)



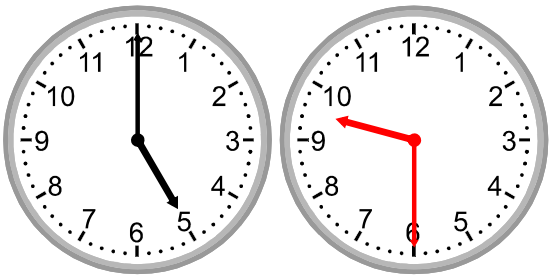
What time will it be in 4 hours 30 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 3

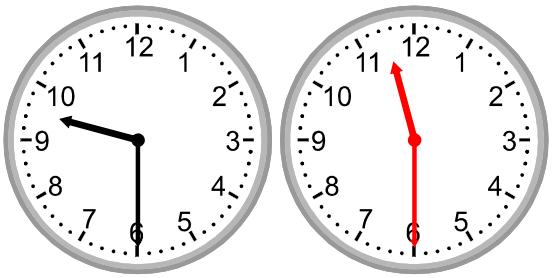
Draw the clock hands to show the passage of time.

1)



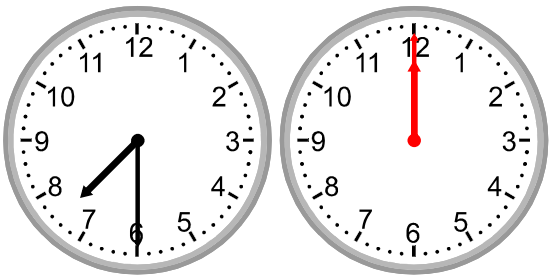
What time will it be in 4 hours 30 minutes?

2)



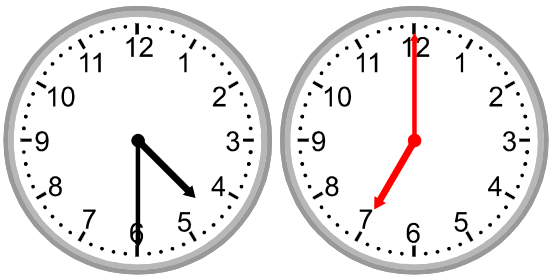
What time will it be in 2 hours?

3)



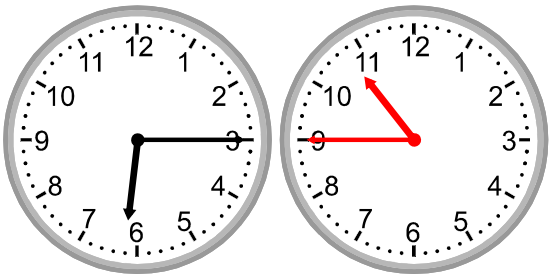
What time will it be in 4 hours 30 minutes?

4)



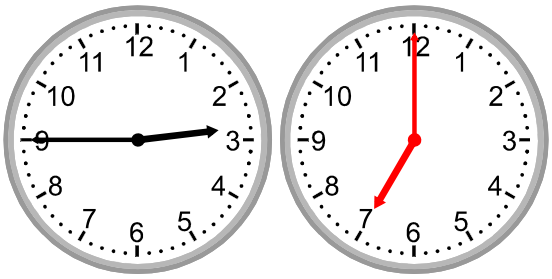
What time will it be in 2 hours 30 minutes?

5)



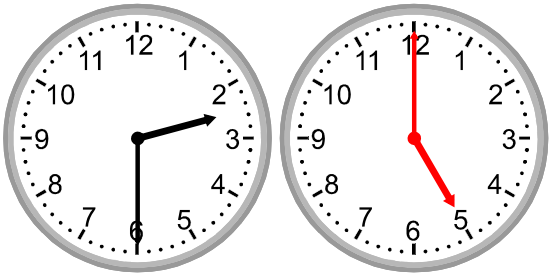
What time will it be in 4 hours 30 minutes?

6)



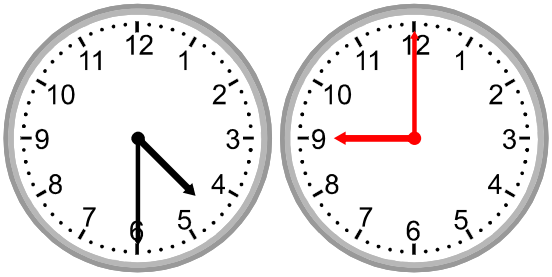
What time will it be in 4 hours 15 minutes?

7)



What time will it be in 2 hours 30 minutes?

8)



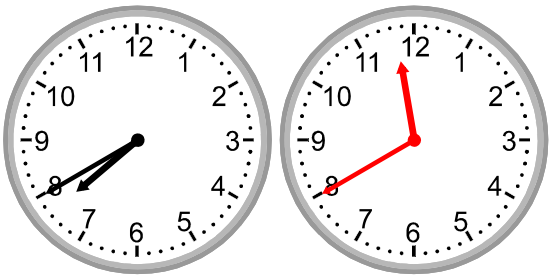
What time will it be in 4 hours 30 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 4

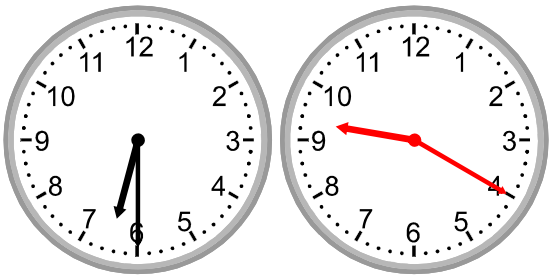
Draw the clock hands to show the passage of time.

1)



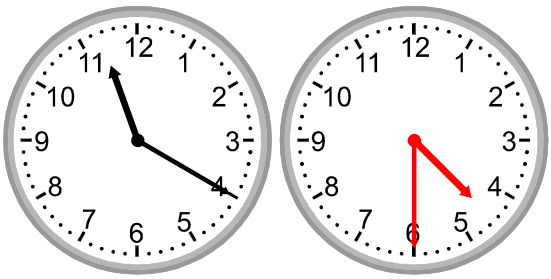
What time will it be in 4 hours?

2)



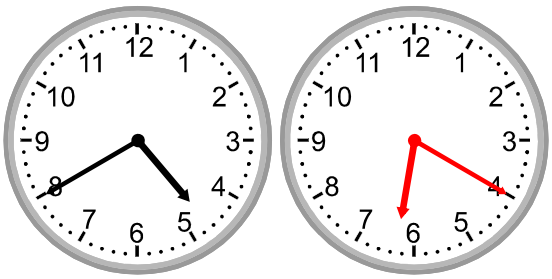
What time will it be in 2 hours 50 minutes?

3)



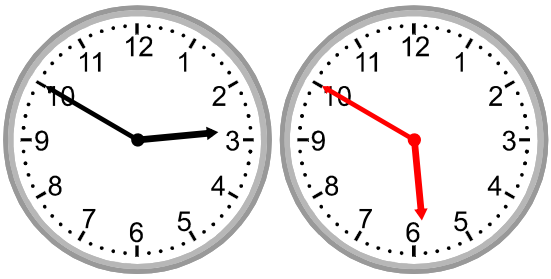
What time will it be in 5 hours 10 minutes?

4)



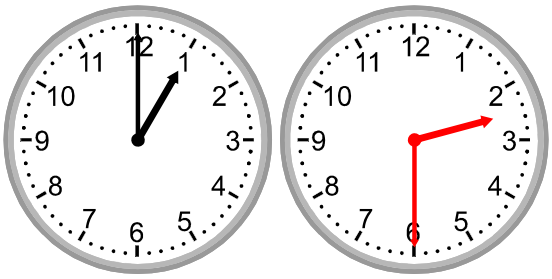
What time will it be in 1 hour 40 minutes?

5)



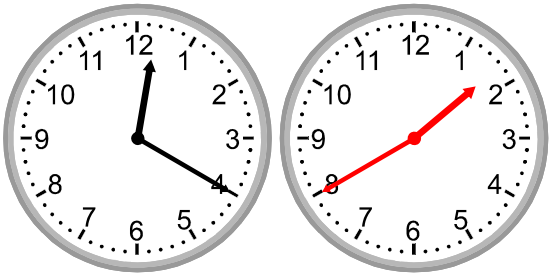
What time will it be in 3 hours?

6)



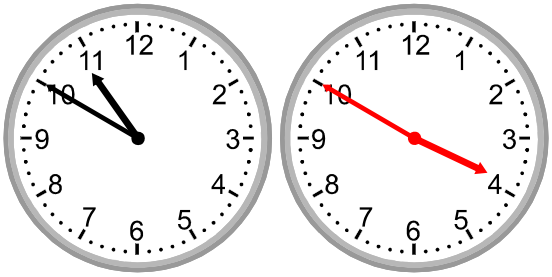
What time will it be in 1 hour 30 minutes?

7)



What time will it be in 1 hour 20 minutes?

8)



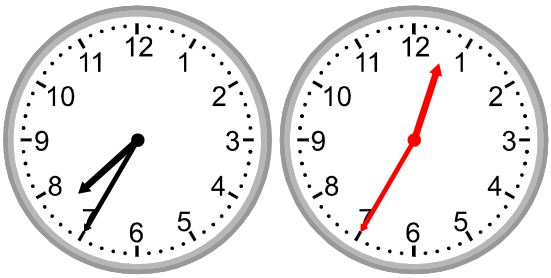
What time will it be in 5 hours?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 5

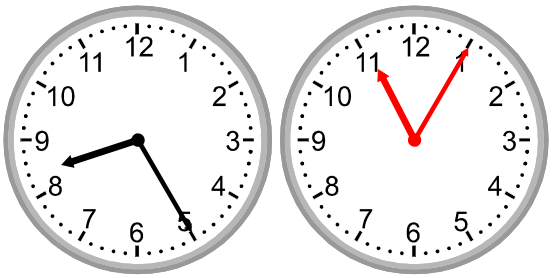
Draw the clock hands to show the passage of time.

1)



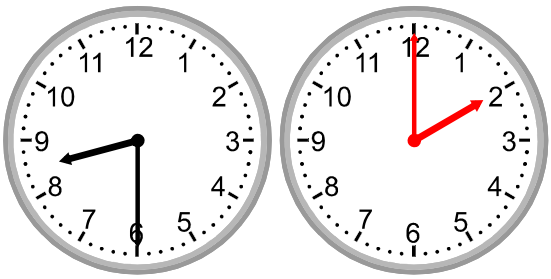
What time will it be in 5 hours?

2)



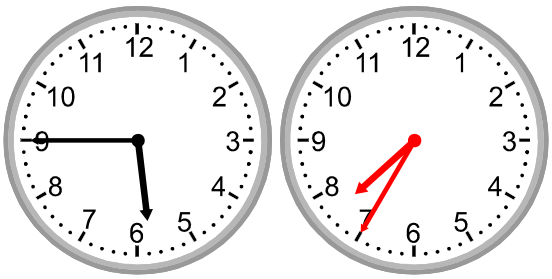
What time will it be in 2 hours 40 minutes?

3)



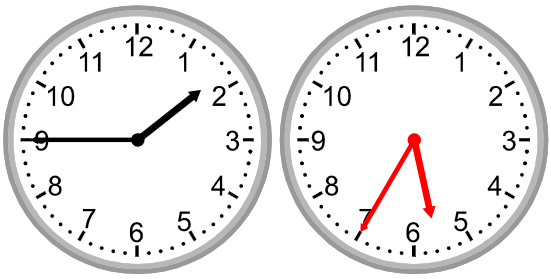
What time will it be in 5 hours 30 minutes?

4)



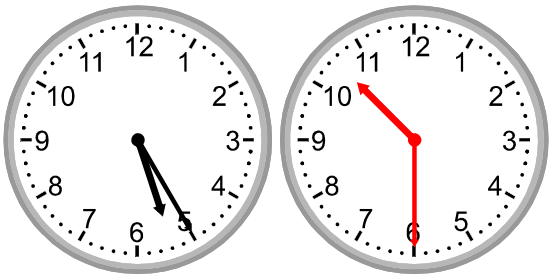
What time will it be in 1 hour 50 minutes?

5)



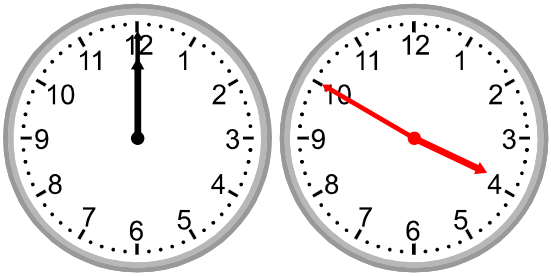
What time will it be in 3 hours 50 minutes?

6)



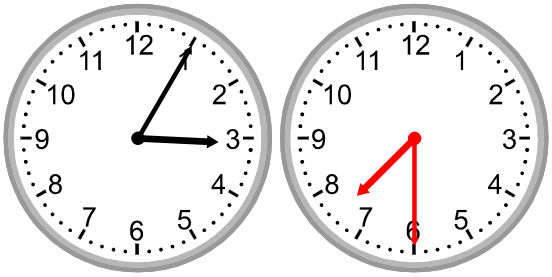
What time will it be in 5 hours 5 minutes?

7)



What time will it be in 3 hours 50 minutes?

8)



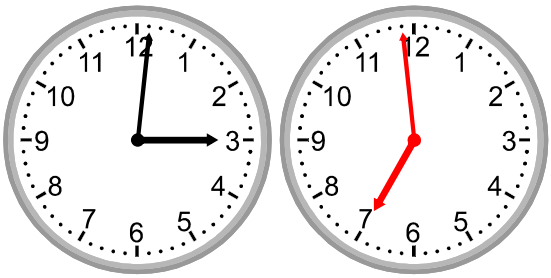
What time will it be in 4 hours 25 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 6

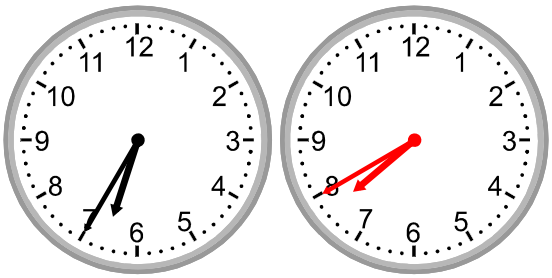
Draw the clock hands to show the passage of time.

1)



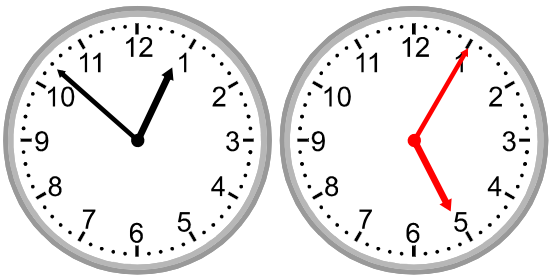
What time will it be in 3 hours 58 minutes?

2)



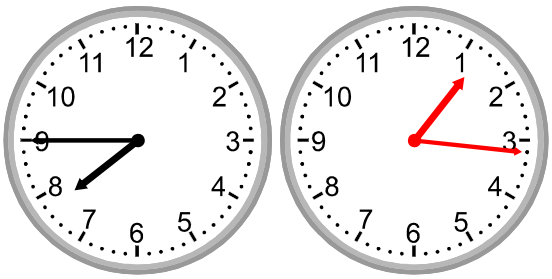
What time will it be in 1 hour 5 minutes?

3)



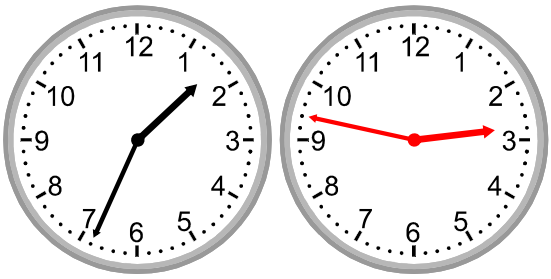
What time will it be in 4 hours 13 minutes?

4)



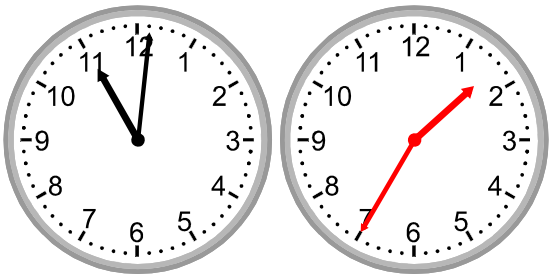
What time will it be in 5 hours 31 minutes?

5)



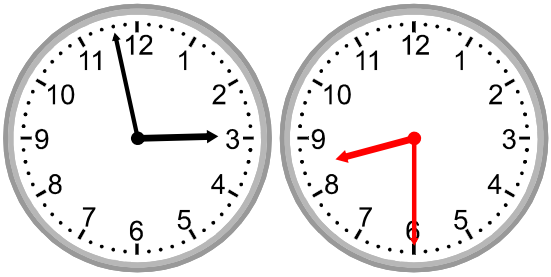
What time will it be in 1 hour 13 minutes?

6)



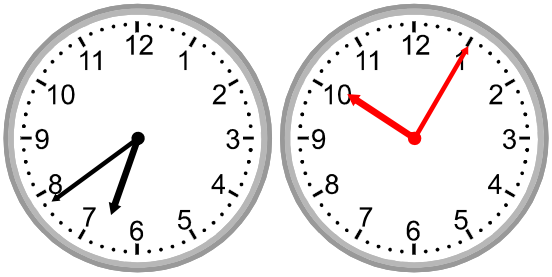
What time will it be in 2 hours 34 minutes?

7)



What time will it be in 5 hours 32 minutes?

8)



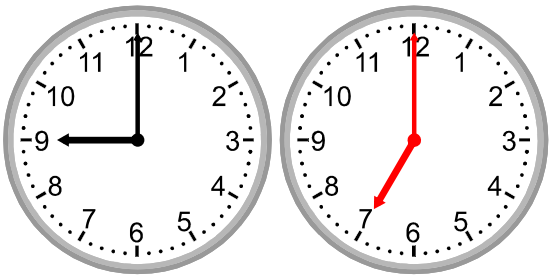
What time will it be in 3 hours 26 minutes?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 7

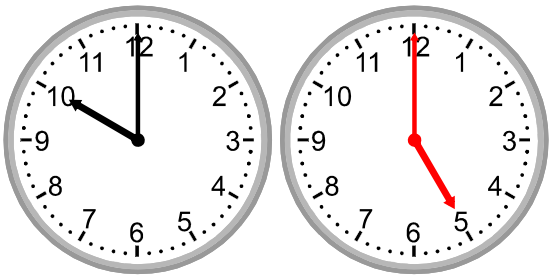
Draw the clock hands to show the passage of time.

1)



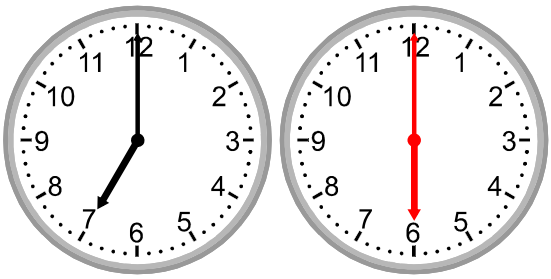
What time was it 2 hours ago?

2)



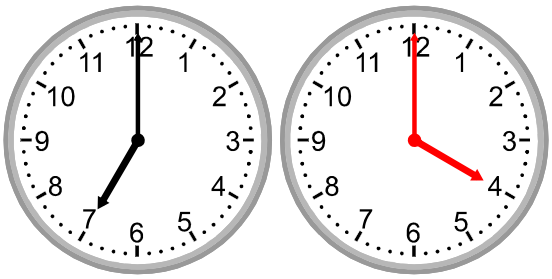
What time was it 5 hours ago?

3)



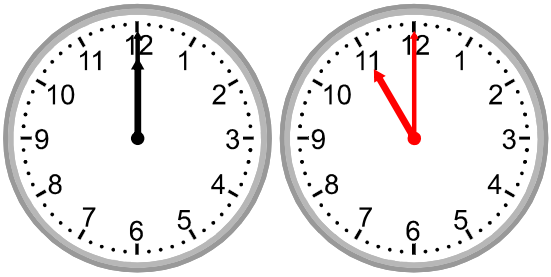
What time was it 1 hour ago?

4)



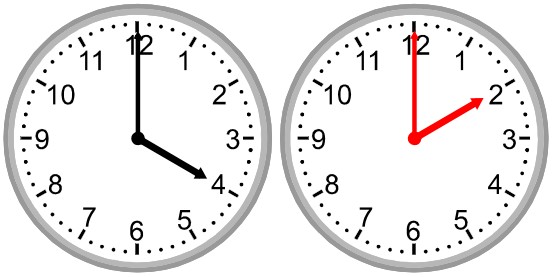
What time was it 3 hours ago?

5)



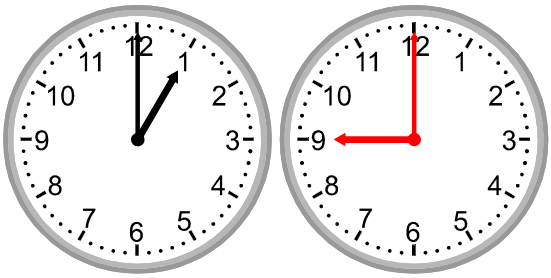
What time was it 1 hour ago?

6)



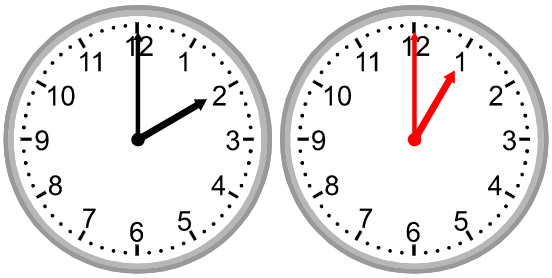
What time was it 2 hours ago?

7)



What time was it 4 hours ago?

8)



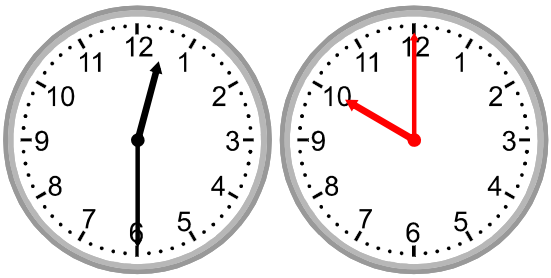
What time was it 1 hour ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 8

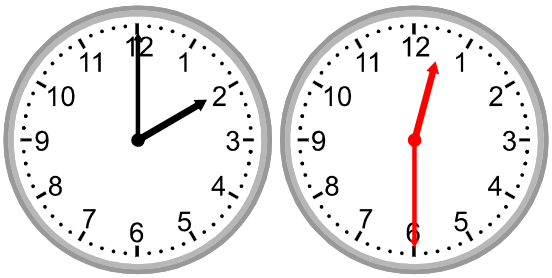
Draw the clock hands to show the passage of time.

1)



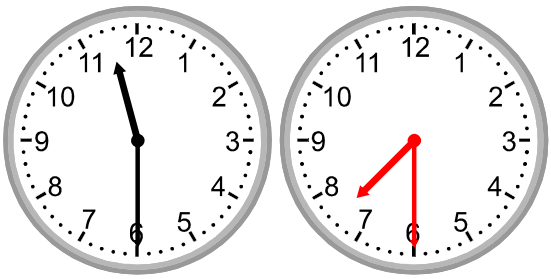
What time was it 2 hours 30 minutes ago?

2)



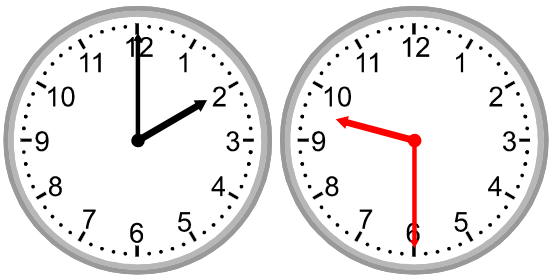
What time was it 1 hour 30 minutes ago?

3)



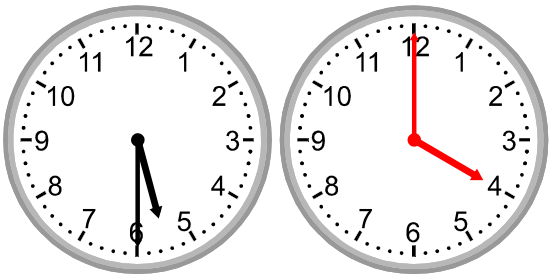
What time was it 4 hours ago?

4)



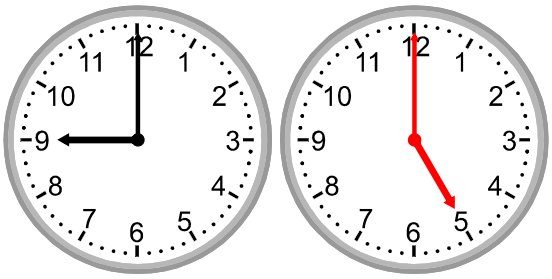
What time was it 4 hours 30 minutes ago?

5)



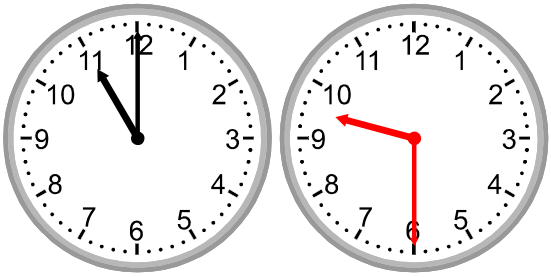
What time was it 1 hour 30 minutes ago?

6)



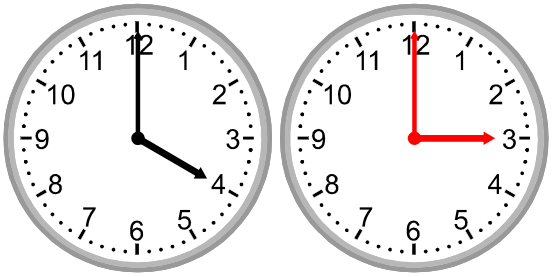
What time was it 4 hours ago?

7)



What time was it 1 hour 30 minutes ago?

8)



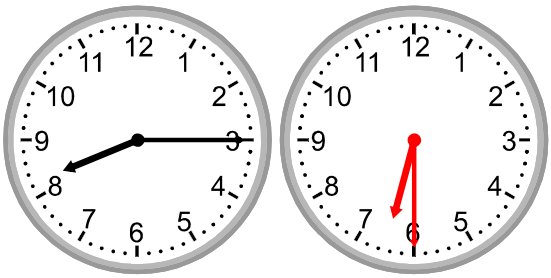
What time was it 1 hour ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 9

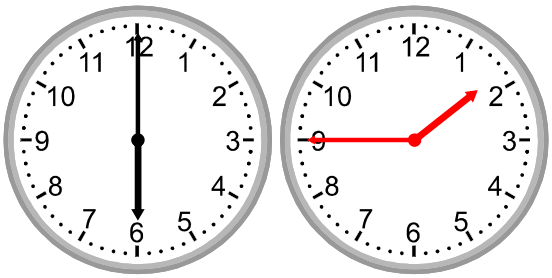
Draw the clock hands to show the passage of time.

1)



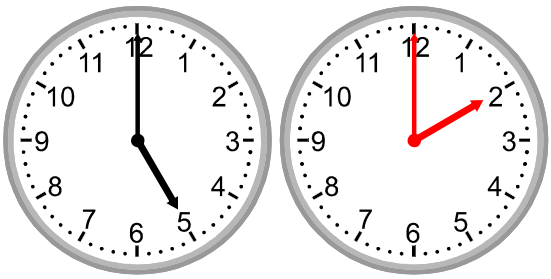
What time was it 1 hour 45 minutes ago?

2)



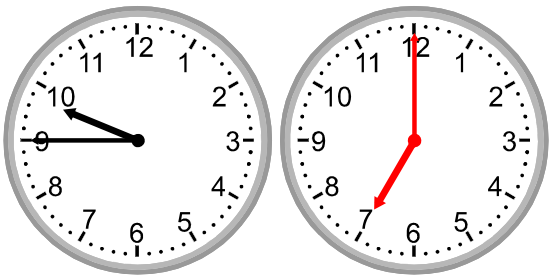
What time was it 4 hours 15 minutes ago?

3)



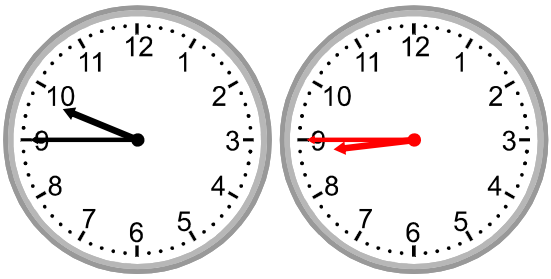
What time was it 3 hours ago?

4)



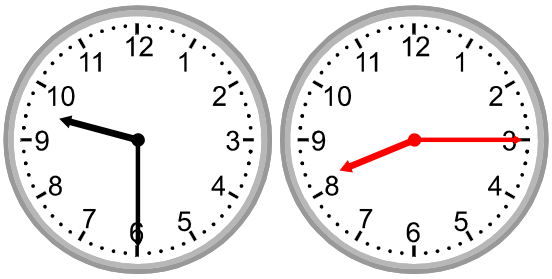
What time was it 2 hours 45 minutes ago?

5)



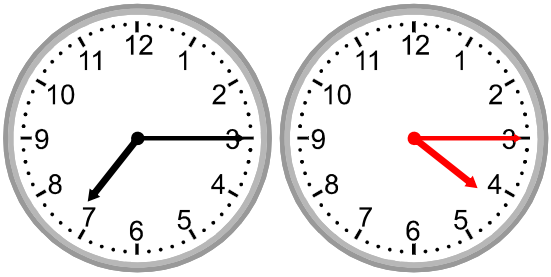
What time was it 1 hour ago?

6)



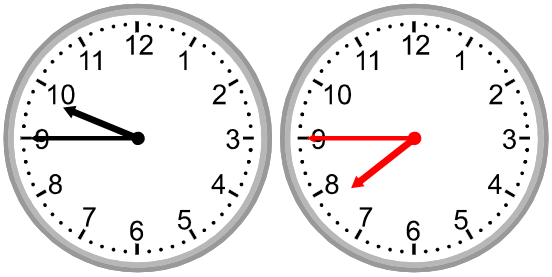
What time was it 1 hour 15 minutes ago?

7)



What time was it 3 hours ago?

8)



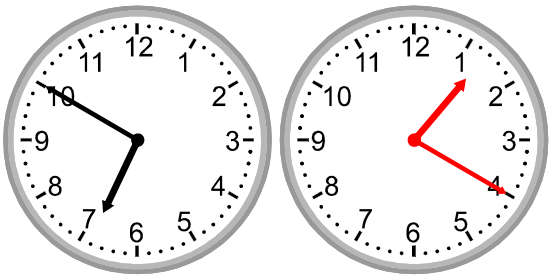
What time was it 2 hours ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 10

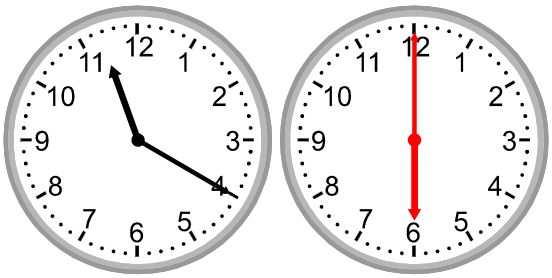
Draw the clock hands to show the passage of time.

1)



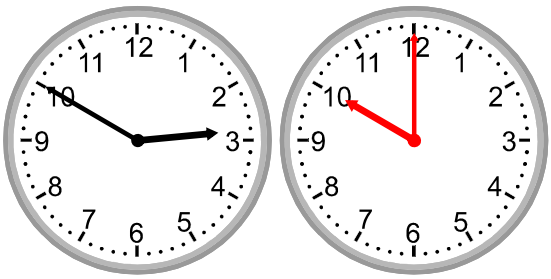
What time was it 5 hours 30 minutes ago?

2)



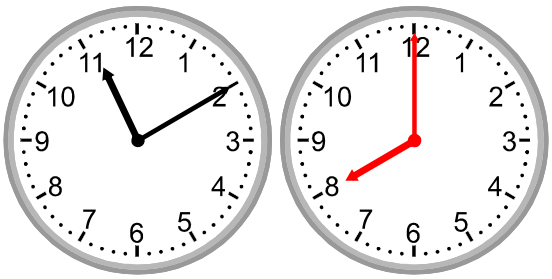
What time was it 5 hours 20 minutes ago?

3)



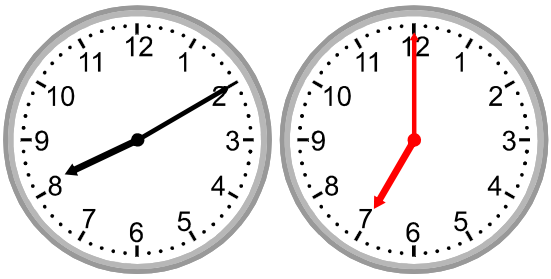
What time was it 4 hours 50 minutes ago?

4)



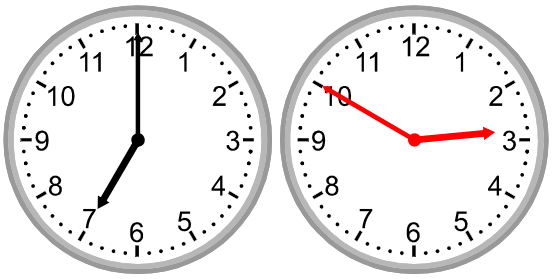
What time was it 3 hours 10 minutes ago?

5)



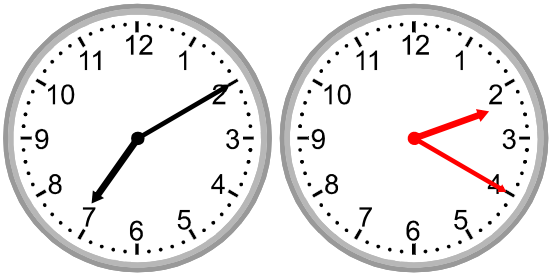
What time was it 1 hour 10 minutes ago?

6)



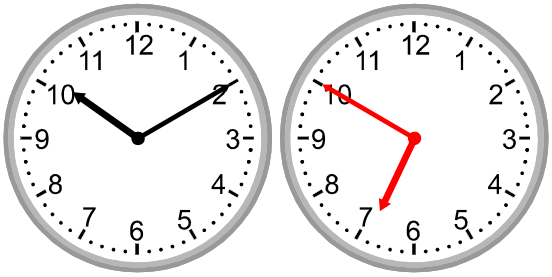
What time was it 4 hours 10 minutes ago?

7)



What time was it 4 hours 50 minutes ago?

8)



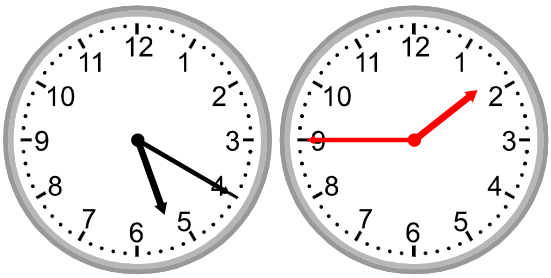
What time was it 3 hours 20 minutes ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 11

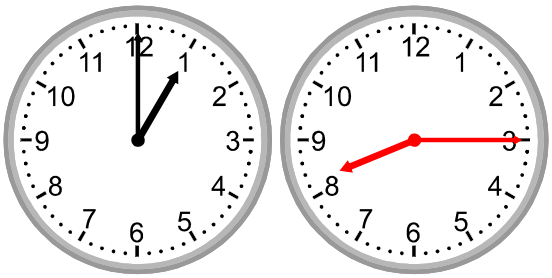
Draw the clock hands to show the passage of time.

1)



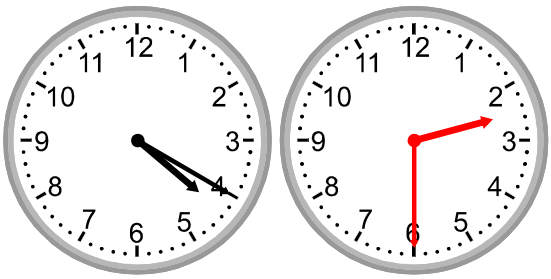
What time was it 3 hours 35 minutes ago?

2)



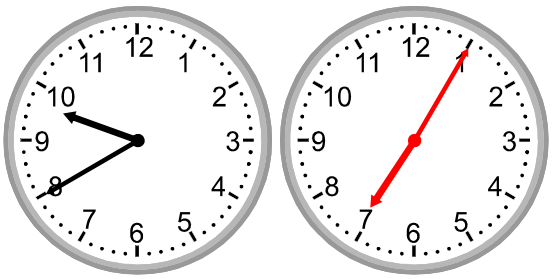
What time was it 4 hours 45 minutes ago?

3)



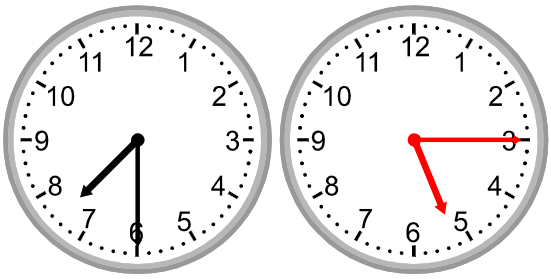
What time was it 1 hour 50 minutes ago?

4)



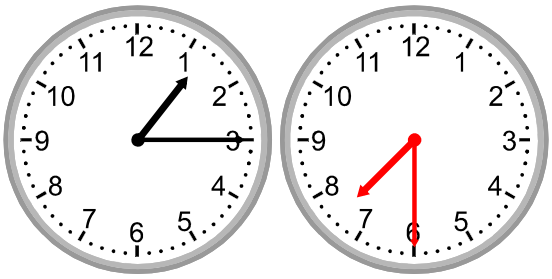
What time was it 2 hours 35 minutes ago?

5)



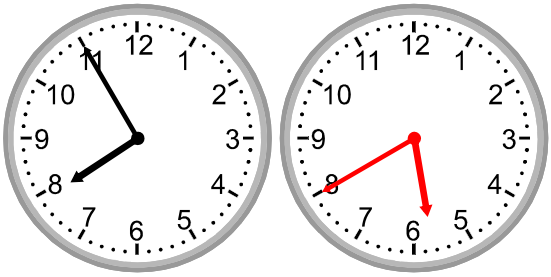
What time was it 2 hours 15 minutes ago?

6)



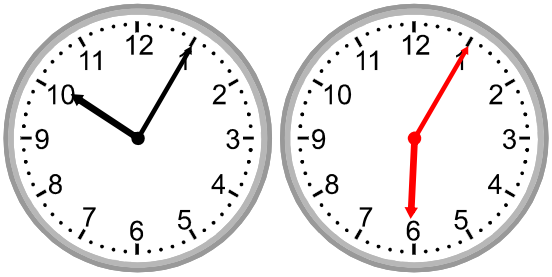
What time was it 5 hours 45 minutes ago?

7)



What time was it 2 hours 15 minutes ago?

8)



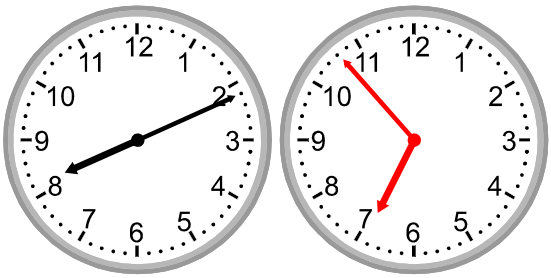
What time was it 4 hours ago?

Name:_____ Class:_____ Date:____/____/_____

Time Passages 12

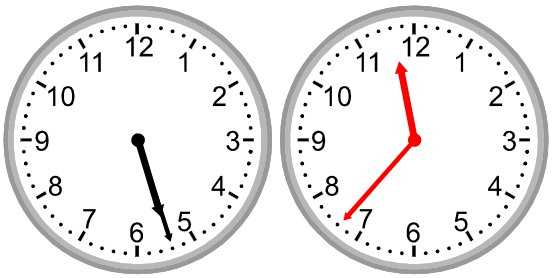
Draw the clock hands to show the passage of time.

1)



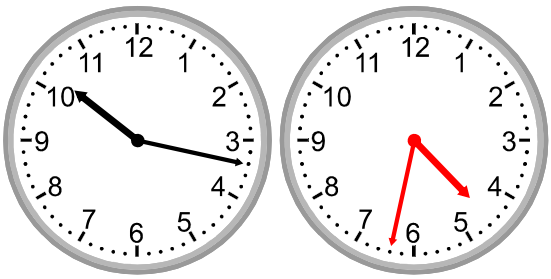
What time was it 1 hour 18 minutes ago?

2)



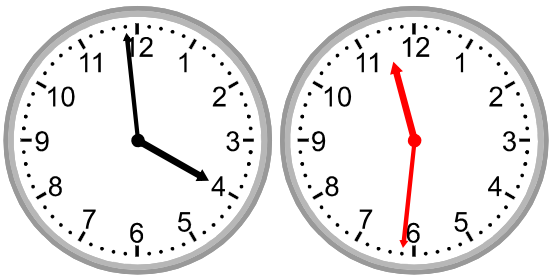
What time was it 5 hours 50 minutes ago?

3)



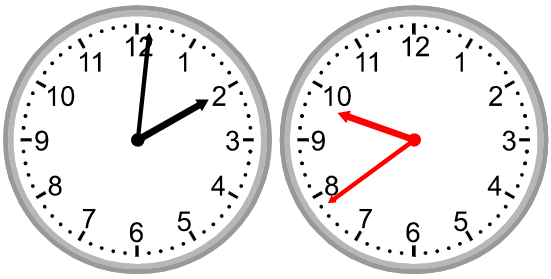
What time was it 5 hours 45 minutes ago?

4)



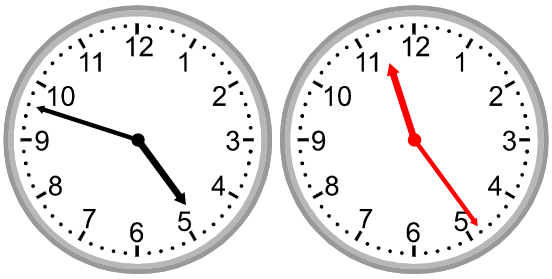
What time was it 4 hours 28 minutes ago?

5)



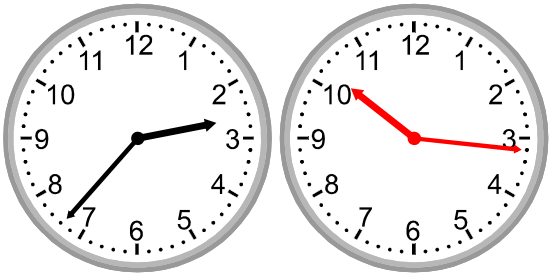
What time was it 4 hours 22 minutes ago?

6)



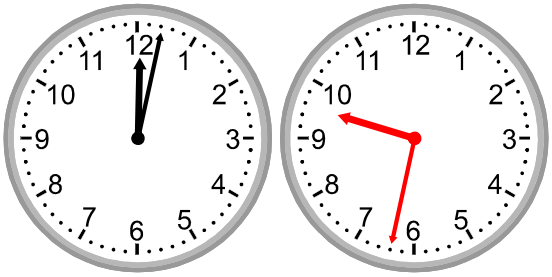
What time was it 5 hours 24 minutes ago?

7)



What time was it 4 hours 21 minutes ago?

8)



What time was it 2 hours 30 minutes ago?

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 1

Convert the given measures of time to alternate measures of time.

1) 96 dy = 13 wk 5 dy
2) 48 hr = 2,880 min
3) 64 min = 1 hr 4 min
4) 69 min = 4,140 sec
5) 32 yr = 11,680 dy
6) 68 dy = 1,632 hr
7) 33 wk = 231 dy
8) 95 sec = 1 min 35 sec
9) 67 dy = 0 yr 67 dy
10) 29 hr = 1 dy 5 hr
11) 50 dy = 0 yr 50 dy
12) 57 sec = 0 min 57 sec
13) 96 hr = 5,760 min
14) 85 min = 5,100 sec
15) 82 min = 4,920 sec
16) 74 min = 1 hr 14 min
17) 45 yr = 16,425 dy
18) 98 dy = 2,352 hr
19) 76 wk = 532 dy
20) 26 dy = 3 wk 5 dy
21) 51 sec = 0 min 51 sec
22) 75 wk = 525 dy
23) 82 hr = 3 dy 10 hr
24) 80 dy = 1,920 hr
25) 36 yr = 13,140 dy
26) 16 dy = 0 yr 16 dy
27) 54 min = 3,240 sec
28) 82 dy = 11 wk 5 dy
29) 83 min = 1 hr 23 min
30) 47 hr = 2,820 min
31) 22 min = 1,320 sec
32) 14 dy = 336 hr
33) 20 dy = 0 yr 20 dy
34) 40 yr = 14,600 dy
35) 39 hr = 2,340 min
36) 45 hr = 1 dy 21 hr

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 2

Convert the given measures of time to alternate measures of time.

1) 29 wk = 203 dy
2) 39 dy = 5 wk 4 dy
3) 13 yr = 4,745 dy
4) 62 min = 3,720 sec
5) 58 min = 0 hr 58 min
6) 37 dy = 0 yr 37 dy
7) 46 dy = 1,104 hr
8) 53 sec = 0 min 53 sec
9) 77 hr = 4,620 min
10) 98 hr = 4 dy 2 hr
11) 68 wk = 476 dy
12) 26 dy = 3 wk 5 dy
13) 24 min = 0 hr 24 min
14) 14 dy = 336 hr
15) 13 hr = 0 dy 13 hr
16) 27 dy = 0 yr 27 dy
17) 71 hr = 4,260 min
18) 48 min = 2,880 sec
19) 15 yr = 5,475 dy
20) 73 sec = 1 min 13 sec
21) 15 sec = 0 min 15 sec
22) 33 wk = 231 dy
23) 45 yr = 16,425 dy
24) 48 hr = 2,880 min
25) 92 min = 1 hr 32 min
26) 17 dy = 408 hr
27) 67 min = 4,020 sec
28) 35 hr = 1 dy 11 hr
29) 62 dy = 8 wk 6 dy
30) 87 dy = 0 yr 87 dy
31) 16 wk = 112 dy
32) 90 sec = 1 min 30 sec
33) 83 hr = 4,980 min
34) 97 dy = 0 yr 97 dy
35) 10 yr = 3,650 dy
36) 77 dy = 11 wk

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 3

Convert the given measures of time to alternate measures of time.

1) 28 yr = 10,220 dy
2) 19 sec = 0 min 19 sec
3) 71 hr = 4,260 min
4) 60 dy = 0 yr 60 dy
5) 49 min = 2,940 sec
6) 14 dy = 2 wk
7) 34 wk = 238 dy
8) 92 dy = 2,208 hr
9) 70 min = 1 hr 10 min
10) 46 hr = 1 dy 22 hr
11) 15 min = 0 hr 15 min
12) 73 dy = 1,752 hr
13) 50 yr = 18,250 dy
14) 53 sec = 0 min 53 sec
15) 57 dy = 0 yr 57 dy
16) 86 hr = 3 dy 14 hr
17) 87 min = 5,220 sec
18) 23 wk = 161 dy
19) 66 hr = 3,960 min
20) 75 dy = 10 wk 5 dy
21) 87 yr = 31,755 dy
22) 79 min = 1 hr 19 min
23) 95 min = 5,700 sec
24) 21 hr = 0 dy 21 hr
25) 84 hr = 5,040 min
26) 13 dy = 312 hr
27) 39 wk = 273 dy
28) 33 sec = 0 min 33 sec
29) 48 dy = 0 yr 48 dy
30) 48 dy = 6 wk 6 dy
31) 16 hr = 0 dy 16 hr
32) 98 dy = 14 wk
33) 50 dy = 1,200 hr
34) 95 hr = 5,700 min
35) 65 min = 1 hr 5 min
36) 78 yr = 28,470 dy

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 4

Convert the given measures of time to alternate measures of time.

1) 74 dy = 1,776 hr
2) 89 min = 1 hr 29 min
3) 59 hr = 2 dy 11 hr
4) 92 dy = 0 yr 92 dy
5) 38 yr = 13,870 dy
6) 96 wk = 672 dy
7) 78 dy = 11 wk 1 dy
8) 46 hr = 2,760 min
9) 38 min = 2,280 sec
10) 92 sec = 1 min 32 sec
11) 30 hr = 1,800 min
12) 44 dy = 1,056 hr
13) 68 dy = 0 yr 68 dy
14) 67 min = 4,020 sec
15) 19 dy = 2 wk 5 dy
16) 16 yr = 5,840 dy
17) 37 min = 0 hr 37 min
18) 47 hr = 1 dy 23 hr
19) 86 sec = 1 min 26 sec
20) 37 wk = 259 dy
21) 91 dy = 13 wk
22) 52 min = 3,120 sec
23) 79 sec = 1 min 19 sec
24) 53 hr = 2 dy 5 hr
25) 90 wk = 630 dy
26) 59 dy = 1,416 hr
27) 88 min = 1 hr 28 min
28) 31 dy = 0 yr 31 dy
29) 54 hr = 3,240 min
30) 91 yr = 33,215 dy
31) 98 dy = 0 yr 98 dy
32) 68 min = 1 hr 8 min
33) 24 wk = 168 dy
34) 42 sec = 0 min 42 sec
35) 72 min = 4,320 sec
36) 96 hr = 4 dy

Name:_____ Class:_____ Date:____/____/_____

Time Conversions 5

Convert the given measures of time to alternate measures of time.

1) 87 sec = 1 min 27 sec
2) 95 wk = 665 dy
3) 56 min = 0 hr 56 min
4) 60 hr = 3,600 min
5) 39 dy = 936 hr
6) 58 dy = 0 yr 58 dy
7) 80 yr = 29,200 dy
8) 49 min = 2,940 sec
9) 56 dy = 8 wk
10) 11 hr = 0 dy 11 hr
11) 79 dy = 0 yr 79 dy
12) 86 sec = 1 min 26 sec
13) 32 yr = 11,680 dy
14) 65 hr = 3,900 min
15) 46 dy = 1,104 hr
16) 18 dy = 2 wk 4 dy
17) 19 min = 0 hr 19 min
18) 88 hr = 3 dy 16 hr
19) 75 wk = 525 dy
20) 14 min = 840 sec
21) 63 dy = 9 wk
22) 86 dy = 2,064 hr
23) 55 dy = 0 yr 55 dy
24) 92 wk = 644 dy
25) 37 hr = 1 dy 13 hr
26) 93 min = 5,580 sec
27) 58 yr = 21,170 dy
28) 12 min = 0 hr 12 min
29) 33 sec = 0 min 33 sec
30) 44 hr = 2,640 min
31) 53 dy = 0 yr 53 dy
32) 55 hr = 2 dy 7 hr
33) 36 yr = 13,140 dy
34) 58 dy = 1,392 hr
35) 61 hr = 3,660 min
36) 75 min = 4,500 sec