

Name: _____

List the prime factors for each number. Is the number prime?

1. $1 = 1$ (No) 2. $71 = 71$ (Yes) 3. $55 = 5 \times 11$ (No)

4. $3 = 3$ (Yes) 5. $81 = 3 \times 3 \times 3 \times 3$ (No) 6. $2 = 2$ (Yes)

7. $33 = 3 \times 11$ (No) 8. $48 = 2 \times 2 \times 2 \times 2 \times 3$ (No) 9. $7 = 7$ (Yes)

10. $83 = 83$ (Yes) 11. $68 = 2 \times 2 \times 17$ (No) 12. $8 = 2 \times 2 \times 2$ (No)

13. $11 = 11$ (Yes) 14. $4 = 2 \times 2$ (No) 15. $59 = 59$ (Yes)

16. $42 = 2 \times 3 \times 7$ (No) 17. $53 = 53$ (Yes) 18. $49 = 7 \times 7$ (No)

19. $64 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$ (No) 20. $6 = 2 \times 3$ (No) 21. $86 = 2 \times 43$ (No)

22. $19 = 19$ (Yes) 23. $58 = 2 \times 29$ (No) 24. $78 = 2 \times 3 \times 13$ (No)

25. $12 = 2 \times 2 \times 3$ (No) 26. $5 = 5$ (Yes) 27. $41 = 41$ (Yes)

28. $39 = 3 \times 13$ (No) 29. $52 = 2 \times 2 \times 13$ (No) 30. $32 = 2 \times 2 \times 2 \times 2 \times 2$ (No)