

Name: _____



Which Numbers are Prime Numbers?

For Example: 3 (Yes) 9 3 x 3 (No)

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

1. 1 = _____ 2. 16 = _____

3. 85 = _____ 4. 8 = _____

5. 44 = _____ 6. 78 = _____

7. 67 = _____ 8. 41 = _____

9. 7 = _____ 10. 33 = _____

11. 6 = _____ 12. 2 = _____

13. 84 = _____ 14. 62 = _____

15. 4 = _____ 16. 34 = _____

17. 3 = _____ 18. 24 = _____

19. 76 = _____ 20. 90 = _____

Name: _____



Which Numbers are Prime Numbers?

For Example: 3 (Yes) 9 3×3 (No)

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

1. $1 = 1$ (No)

2. $16 = 2 \times 2 \times 2 \times 2$ (No)

3. $85 = 5 \times 17$ (No)

4. $8 = 2 \times 2 \times 2$ (No)

5. $44 = 2 \times 2 \times 11$ (No)

6. $78 = 2 \times 3 \times 13$ (No)

7. $67 = 67$ (Yes)

8. $41 = 41$ (Yes)

9. $7 = 7$ (Yes)

10. $33 = 3 \times 11$ (No)

11. $6 = 2 \times 3$ (No)

12. $2 = 2$ (Yes)

13. $84 = 2 \times 2 \times 3 \times 7$ (No)

14. $62 = 2 \times 31$ (No)

15. $4 = 2 \times 2$ (No)

16. $34 = 2 \times 17$ (No)

17. $3 = 3$ (Yes)

18. $24 = 2 \times 2 \times 2 \times 3$ (No)

19. $76 = 2 \times 2 \times 19$ (No)

20. $90 = 2 \times 3 \times 3 \times 5$ (No)