

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

1. $18 = 2 \times 3 \times 3$ (No)

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

3. $58 = 2 \times 29$ (No)

4. $3 = 3$ (Yes)

5. $37 = 37$ (Yes)

6. $1 = 1$ (No)

7. $2 = 2$ (Yes)

8. $59 = 59$ (Yes)

9. $46 = 2 \times 23$ (No)

10. $5 = 5$ (Yes)

11. $26 = 2 \times 13$ (No)

12. $60 = 2 \times 2 \times 3 \times 5$ (No)

13. $79 = 79$ (Yes)

14. $9 = 3 \times 3$ (No)

15. $27 = 3 \times 3 \times 3$ (No)

16. $12 = 2 \times 2 \times 3$ (No)

17. $52 = 2 \times 2 \times 13$ (No)

18. $22 = 2 \times 11$ (No)

19. $7 = 7$ (Yes)

20. $32 = 2 \times 2 \times 2 \times 2 \times 2$ (No)

21. $45 = 3 \times 3 \times 5$ (No)

22. $8 = 2 \times 2 \times 2$ (No)

23. $25 = 5 \times 5$ (No)

24. $86 = 2 \times 43$ (No)

25. $54 = 2 \times 3 \times 3 \times 3$ (No)

26. $19 = 19$ (Yes)

27. $28 = 2 \times 2 \times 7$ (No)

28. $64 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$ (No)

29. $85 = 5 \times 17$ (No)

30. $24 = 2 \times 2 \times 2 \times 3$ (No)