

Prime or composite

Circle P if the number is prime, C if it is composite.

Name _____

Date _____

- | | | |
|------------|------------|------------|
| 1. 47 P C | 11. 93 P C | 21. 51 P C |
| 2. 98 P C | 12. 65 P C | 22. 63 P C |
| 3. 49 P C | 13. 35 P C | 23. 9 P C |
| 4. 54 P C | 14. 41 P C | 24. 81 P C |
| 5. 69 P C | 15. 87 P C | 25. 95 P C |
| 6. 55 P C | 16. 19 P C | 26. 77 P C |
| 7. 2 P C | 17. 85 P C | 27. 34 P C |
| 8. 75 P C | 18. 4 P C | 28. 13 P C |
| 9. 91 P C | 19. 57 P C | 29. 39 P C |
| 10. 58 P C | 20. 14 P C | 30. 73 P C |

Prime or composite: answer key

Each answer in colour, and under it why.

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|---|---|
| 1. 47: Prime
Its only factors are 1 and 47 | 18. 4: Composite
$4 = 2 \times 2$ |
| 2. 98: Composite
$98 = 2 \times 49$ | 19. 57: Composite
$57 = 3 \times 19$ |
| 3. 49: Composite
$49 = 7 \times 7$ | 20. 14: Composite
$14 = 2 \times 7$ |
| 4. 54: Composite
$54 = 2 \times 27$ | 21. 51: Composite
$51 = 3 \times 17$ |
| 5. 69: Composite
$69 = 3 \times 23$ | 22. 63: Composite
$63 = 3 \times 21$ |
| 6. 55: Composite
$55 = 5 \times 11$ | 23. 9: Composite
$9 = 3 \times 3$ |
| 7. 2: Prime
Its only factors are 1 and 2 | 24. 81: Composite
$81 = 3 \times 27$ |
| 8. 75: Composite
$75 = 3 \times 25$ | 25. 95: Composite
$95 = 5 \times 19$ |
| 9. 91: Composite
$91 = 7 \times 13$ | 26. 77: Composite
$77 = 7 \times 11$ |
| 10. 58: Composite
$58 = 2 \times 29$ | 27. 34: Composite
$34 = 2 \times 17$ |
| 11. 93: Composite
$93 = 3 \times 31$ | 28. 13: Prime
Its only factors are 1 and 13 |
| 12. 65: Composite
$65 = 5 \times 13$ | 29. 39: Composite
$39 = 3 \times 13$ |
| 13. 35: Composite
$35 = 5 \times 7$ | 30. 73: Prime
Its only factors are 1 and 73 |
| 14. 41: Prime
Its only factors are 1 and 41 | |
| 15. 87: Composite
$87 = 3 \times 29$ | |
| 16. 19: Prime
Its only factors are 1 and 19 | |
| 17. 85: Composite
$85 = 5 \times 17$ | |