



Finding Prime Factors

Name: _____

Find the prime factors for each number.

Answers

1) 49 = _____	1. _____
2) 91 = _____	2. _____
3) 21 = _____	3. _____
4) 90 = _____	4. _____
5) 70 = _____	5. _____
6) 99 = _____	6. _____
7) 17 = _____	7. _____
8) 89 = _____	8. _____
9) 56 = _____	9. _____
10) 9 = _____	10. _____
11) 93 = _____	11. _____
12) 85 = _____	12. _____
13) 7 = _____	13. _____
14) 81 = _____	14. _____
15) 20 = _____	15. _____
16) 15 = _____	16. _____
17) 64 = _____	17. _____
18) 88 = _____	18. _____
19) 10 = _____	19. _____
20) 87 = _____	20. _____



Find the prime factors for each number.

Answers

- | | |
|---|--|
| 1) $49 = 7 \times 7$ | 1. 7×7 |
| 2) $91 = 7 \times 13$ | 2. 7×13 |
| 3) $21 = 3 \times 7$ | 3. 3×7 |
| 4) $90 = 2 \times 3 \times 3 \times 5$ | 4. $2 \times 3 \times 3 \times 5$ |
| 5) $70 = 2 \times 5 \times 7$ | 5. $2 \times 5 \times 7$ |
| 6) $99 = 3 \times 3 \times 11$ | 6. $3 \times 3 \times 11$ |
| 7) $17 = 17$ | 7. 17 |
| 8) $89 = 89$ | 8. 89 |
| 9) $56 = 2 \times 2 \times 2 \times 7$ | 9. $2 \times 2 \times 2 \times 7$ |
| 10) $9 = 3 \times 3$ | 10. 3×3 |
| 11) $93 = 3 \times 31$ | 11. 3×31 |
| 12) $85 = 5 \times 17$ | 12. 5×17 |
| 13) $7 = 7$ | 13. 7 |
| 14) $81 = 3 \times 3 \times 3 \times 3$ | 14. $3 \times 3 \times 3 \times 3$ |
| 15) $20 = 2 \times 2 \times 5$ | 15. $2 \times 2 \times 5$ |
| 16) $15 = 3 \times 5$ | 16. 3×5 |
| 17) $64 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$ | 17. $2 \times 2 \times 2 \times 2 \times 2 \times 2$ |
| 18) $88 = 2 \times 2 \times 2 \times 11$ | 18. $2 \times 2 \times 2 \times 11$ |
| 19) $10 = 2 \times 5$ | 19. 2×5 |
| 20) $87 = 3 \times 29$ | 20. 3×29 |