

Prime Factorization

Answer Key

Write each numeral as a product of its prime factors.

1) 16

$$16 = 2 \times 2 \times 2 \times 2$$

2) 50

$$50 = 2 \times 5 \times 5$$

3) 32

$$32 = 2 \times 2 \times 2 \times 2 \times 2$$

4) 21

$$21 = 3 \times 7$$

5) 48

$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

6) 34

$$34 = 2 \times 17$$

7) 24

$$24 = 2 \times 2 \times 2 \times 3$$

8) 12

$$12 = 2 \times 2 \times 3$$

9) 45

$$45 = 3 \times 3 \times 5$$

10) 9

$$9 = 3 \times 3$$