

Prime Factorization Worksheet Answer Key

The Situation Is Prime for Factoring

Evaluate.

1. 16

$$2 \times 2 \times 2 \times 2 = 2^4$$

6. 121

$$11 \times 11 = 11^2$$

2. 88

$$2 \times 2 \times 2 \times 11 = 2^3 \times 11$$

7. 73

$$73$$

3. 72

$$2 \times 2 \times 2 \times 3 \times 3 = 2^3 \times 3^2$$

8. 27

$$3 \times 3 \times 3 = 3^3$$

4. 64

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 = 2^6$$

9. 54

$$3 \times 3 \times 3 \times 5 = 3^3 \times 5$$

5. 100

$$2 \times 2 \times 5 \times 5 = 2^2 \times 5^2$$

10. 135

$$3 \times 3 \times 3 \times 5 = 3^3 \times 5$$

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