

### Prime Factorization Answer Key

- Which is the prime factorization of 100?
  - $2 \times 50$
  - $2 \times 2 \times 25$
  - $4 \times 25$
  - $2 \times 2 \times 2 \times 5 \times 5$
- What is the prime factorization of 28?
  - $2 \times 2 \times 4 \times 7$
  - $2 \times 2 \times 7$
  - $4 \times 7$
- The prime factorization of 48 is:
  - $2 \times 2 \times 2 \times 2 \times 3$
  - $2 \times 2 \times 2 \times 3$
  - $2 \times 3 \times 2 \times 4$
- What is the prime factorization of 27?
  - $3 \times 3 \times 9$
  - $3 \times 9$
  - $3 \times 3 \times 3$
- What is the prime factorization of 125?  
 $5 \times 5 \times 5$
- What is the prime factorization of 56?  
 $2 \times 2 \times 2 \times 7$
- What is the prime factorization of 9?  
 $3 \times 3$
- What is the prime factorization of 60?  
 $2 \times 2 \times 3 \times 5$
- What is the prime factorization of 72?  
 $2 \times 2 \times 2 \times 3 \times 3$
- write the prime factorization of 160?  
 $2^5 \times 2 \times 2 \times 2$
- What is the prime factorization of 54?  
 $2 \times 2 \times 2 \times 7$