

Name \_\_\_\_\_

Date \_\_\_\_\_

### Prime Factorization - Independent Practice Worksheet Answer Key

1. Factors –  $2 \times 5 \times 5 = 50$

2. Factors –  $2 \times 2 \times 2 \times 2$

3. Factors –  $2 \times 2 \times 7 = 28$

4. Factors –  $2 \times 21$   
                   $\swarrow \searrow$   
                   $3 \times 7 = 42$

5. Factors –  $5 \times 2 \times 3 \times 5 = 150$

6. Factors –  $2 \times 5 \times 2 = 20$

7. Factors –  $2 \times 26$   
                   $\swarrow \searrow$   
                   $2 \times 13 = 52$

8. Factors –  $2 \times 9$   
                   $\swarrow \searrow$   
                   $3 \times 3 = 9$

9. Factors –  $2 \times 46$   
                   $\swarrow \searrow$   
                   $2 \times 23 = 46$

10. Factors –  $2 \times 17 \times 2 = 68$



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## Prime Factorization - Matching Worksheet Answer Key

1. c

2. a

3. b

