

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Factoring Worksheet

Factor the following numbers to their prime factors.

<b>1 a.</b> 17	<b>1 b.</b> 5	<b>1 c.</b> 47
<b>2 a.</b> 72	<b>2 b.</b> 26	<b>2 c.</b> 33
<b>3 a.</b> 50	<b>3 b.</b> 42	<b>3 c.</b> 23

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key

1 d. prime

1 d. prime

1 d. prime

2 d.  $2^3 \times 3^2$

2 b.  $2 \times 13$

2 b.  $3 \times 11$

3 b.  $2 \times 5^2$

3 b.  $2 \times 3 \times 7$

3 c. prime