

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

## Factoring Worksheet

Factor the following numbers to their prime factors.

<b>1 a.</b> 75	<b>1 b.</b> 8	<b>1 c.</b> 44
<b>2 a.</b> 27	<b>2 b.</b> 13	<b>2 c.</b> 52
<b>3 a.</b> 82	<b>3 b.</b> 26	<b>3 c.</b> 99

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## Answer Key

1 d.  $3 \times 5^2$

1 b.  $2^3$

1 a.  $2^2 \times 11$

2 b.  $3^3$

2 a. prime

2 a.  $2^2 \times 13$

3 b.  $2 \times 41$

3 b.  $2 \times 13$

3 b.  $3^2 \times 11$