

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

## Proportions Worksheet

$$1 \text{ a. } \frac{a}{82} = \frac{38}{41}$$

$$1 \text{ b. } \frac{a}{49} = \frac{74}{98}$$

$$2 \text{ a. } \frac{34}{82} = \frac{17}{x}$$

$$2 \text{ b. } \frac{35}{38} = \frac{70}{b}$$

$$3 \text{ a. } \frac{50}{58} = \frac{25}{c}$$

$$3 \text{ b. } \frac{35}{8} = \frac{b}{16}$$

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## Answer Key

<b>1 a.</b> $a = 76$	<b>1 b.</b> $a = 37$
<b>2 a.</b> $x = 41$	<b>2 b.</b> $b = 76$
<b>3 a.</b> $c = 29$	<b>3 b.</b> $b = 70$