Name:	
name.	

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## **Proportions Worksheet**

$2 a. \frac{34}{82} = \frac{17}{x}$ $2 b. \frac{35}{38} = \frac{70}{b}$ $3 a. \frac{50}{58} = \frac{25}{c}$ $3 b. \frac{35}{8} = \frac{b}{16}$	<b>1 a.</b> $\frac{a}{82} = \frac{38}{41}$	<b>1 b.</b> $\frac{a}{49} = \frac{74}{98}$
$\begin{array}{rcl} \mathbf{3 a.} & \underline{50} & = & \underline{25} \\ \overline{58} & = & \underline{25} \\ c \end{array} & \begin{array}{r} \mathbf{3 b.} & \underline{35} \\ \overline{8} & = & \underline{b} \\ 16 \end{array}$	<b>2 a.</b> $\frac{34}{82} = \frac{17}{x}$	<b>2 b.</b> $\frac{35}{38} = \frac{70}{b}$
	$\frac{3 \text{ a.}}{58} = \frac{25}{c}$	$\frac{3 b.}{8} \frac{35}{8} = \frac{b}{16}$

## **Answer Key**

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