

Solving Proportions - B

Name: _____

Solve for the variable:

$$\frac{6}{8} = \frac{3}{p}$$

$$3 \times 8 = 24$$

$$24 \div 6 = 4 \quad \text{so} \quad p = 4$$

first multiply on the diagonal*then divide across or down/up*

$\frac{x}{4} = \frac{24}{-32}$	$\frac{35}{12} = \frac{y}{2.4}$	$\frac{z}{3.2} = \frac{15}{48}$
<p>Do not write on this sheet</p>		
$\frac{90}{4.5} = \frac{m}{100}$	$\frac{n}{7} = \frac{-9}{4}$	$\frac{p}{91} = \frac{24}{13}$
$\frac{30}{1.5} = \frac{-n}{2}$	$\frac{14}{49} = \frac{5}{c}$	$\frac{-7}{d} = \frac{8}{-9}$
$\frac{2^2}{-20} = \frac{e}{4.5}$	$\frac{f}{1000} = \frac{7}{8}$	$\frac{3}{12} = \frac{2^3}{g}$

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