

Name : _____

Solving Proportions

L2S4

Solve each proportion.

1) $\frac{m}{76} = \frac{4}{12}$

2) $\frac{62}{8} = \frac{n}{2}$

3) $\frac{49}{5} = \frac{21}{w}$

5) $\frac{39}{6p} = \frac{87}{3}$

7) $\frac{18}{27} = \frac{y}{22}$

9) $\frac{9}{x} = \frac{66}{21}$

10) $\frac{3}{48} = \frac{k}{36}$

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Name: _____

Answer key

L2S4

Solving Proportions

Solve each proportion.

1) $\frac{m}{76} = \frac{4}{12}$

$m = \frac{76}{3}$ or $25\frac{1}{3}$

2) $\frac{62}{8} = \frac{n}{2}$

$n = \frac{31}{2}$ or $15\frac{1}{2}$

3) $\frac{49}{5} = \frac{21}{w}$

$w = \frac{105}{49}$

$\frac{64}{63}$ or $1\frac{1}{63}$

5) $\frac{39}{6p} = \frac{87}{3}$

$p = \frac{13}{2}$

$\frac{13}{2}$ or $6\frac{1}{2}$

7) $\frac{18}{27} = \frac{y}{22}$

$y = \frac{44}{3}$ or $14\frac{2}{3}$

$\frac{49}{8}$ or $6\frac{1}{8}$

9) $\frac{9}{x} = \frac{66}{21}$

$x = \frac{63}{22}$ or $2\frac{19}{22}$

10) $\frac{3}{48} = \frac{k}{36}$

$k = \frac{9}{4}$ or $2\frac{1}{4}$

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