

Name : _____

Solving Proportions

L2S2

Solve each proportion.

1) $\frac{77}{32} = \frac{c}{2}$

2) $\frac{x}{8} = \frac{7}{35}$

3) $\frac{25}{3} = \frac{5}{7s}$

5) $\frac{12}{d} = \frac{16}{5}$

7) $\frac{8}{7} = \frac{3}{m}$

9) $\frac{19}{n} = \frac{24}{32}$

10) $\frac{60}{72} = \frac{b}{28}$

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Name: _____

Answer key

L2S2

Solving Proportions

Solve each proportion.

1) $\frac{77}{32} = \frac{c}{2}$

$c = \frac{77}{16}$ or $4\frac{13}{16}$

2) $\frac{x}{8} = \frac{7}{35}$

$x = \frac{8}{5}$ or $1\frac{3}{5}$

3) $\frac{25}{3} = \frac{5}{7s}$

$s =$

$\frac{41}{2}$ or $20\frac{1}{2}$

5) $\frac{12}{d} = \frac{16}{5}$

$d = \frac{15}{4}$

$q = \frac{14}{33}$

7) $\frac{8}{7} = \frac{3}{m}$

$m = \frac{21}{8}$ or $2\frac{5}{8}$

$y = \frac{17}{12}$ or $1\frac{5}{12}$

9) $\frac{19}{n} = \frac{24}{32}$

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

10) $\frac{60}{72} = \frac{b}{28}$

$b = \frac{70}{3}$ or $23\frac{1}{3}$

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