

Name: _____

Solving Proportions

L1S2

Solve each proportion.

1) $\frac{z}{40} = \frac{16}{32}$

2) $\frac{30}{2c} = \frac{20}{12}$

3) $\frac{17}{3} = \frac{u}{12}$

5) $\frac{45}{80} = \frac{9}{n}$

7) $\frac{36}{3} = \frac{a}{2}$

9) $\frac{9}{6q} = \frac{12}{8}$

10) $\frac{6}{8} = \frac{s}{96}$

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Name: _____

Answer key

Solving Proportions

L1S2

Solve each proportion.

1) $\frac{z}{40} = \frac{16}{32}$

$z = 20$

2) $\frac{30}{2c} = \frac{20}{12}$

$c = 9$

3) $\frac{17}{3} = \frac{u}{12}$

$u =$

$y = 9$

5) $\frac{45}{80} = \frac{9}{n}$

$n =$

$g = 55$

7) $\frac{36}{3} = \frac{a}{2}$

$a = 24$

$v = 35$

9) $\frac{9}{6q} = \frac{12}{8}$

$q = 1$

10) $\frac{6}{8} = \frac{s}{96}$

$s = 72$

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