

Name: _____

L1S1

Solving Proportions

Solve each proportion.

1) $\frac{2}{r} = \frac{12}{18}$

2) $\frac{50}{20} = \frac{5}{h}$

3) $\frac{16}{6} = \frac{3d}{9}$

4) $\frac{45}{27} = \frac{x}{3}$

5) $\frac{v}{84} = \frac{2}{21}$

6) $\frac{b}{8} = \frac{8}{64}$

7) $\frac{13}{3} = \frac{26}{c}$

8) $\frac{27}{15} = \frac{72}{a}$

9) $\frac{15}{n} = \frac{5}{12}$

10) $\frac{20}{8} = \frac{4k}{32}$

Name: _____

Answer key

L1S1

Solving Proportions

Solve each proportion.

1) $\frac{2}{r} = \frac{12}{18}$

$r = 3$

2) $\frac{50}{20} = \frac{5}{h}$

$h = 2$

3) $\frac{16}{6} = \frac{3d}{9}$

$d = 8$

4) $\frac{45}{27} = \frac{x}{3}$

$x = 5$

5) $\frac{v}{84} = \frac{2}{21}$

$v = 8$

6) $\frac{b}{8} = \frac{8}{64}$

$b = 1$

7) $\frac{13}{3} = \frac{26}{c}$

$c = 6$

8) $\frac{27}{15} = \frac{72}{a}$

$a = 40$

9) $\frac{15}{n} = \frac{5}{12}$

$n = 36$

10) $\frac{20}{8} = \frac{4k}{32}$

$k = 20$