

Name : _____

Solving Proportions

L1S5

Solve each proportion.

1) $\frac{55}{88} = \frac{20}{f}$

2) $\frac{8}{12} = \frac{b}{27}$

3) $\frac{10}{5} = \frac{40}{20}$

5) $\frac{4}{6} = \frac{2u}{42}$

7) $\frac{d}{15} = \frac{21}{45}$

9) $\frac{1}{2} = \frac{13}{k}$

10) $\frac{z}{30} = \frac{12}{24}$

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Name: _____

Answer key

L1S5

Solving Proportions

Solve each proportion.

1) $\frac{55}{88} = \frac{20}{f}$

f = 32

2) $\frac{8}{12} = \frac{b}{27}$

b = 18

3) $\frac{10}{s} = \frac{40}{20}$

s

a = 2

5) $\frac{4}{6} = \frac{2u}{42}$

u

p = 5

7) $\frac{d}{15} = \frac{21}{45}$

d = 7

r = 3

9) $\frac{1}{2} = \frac{13}{k}$

k = 26

10) $\frac{z}{30} = \frac{12}{24}$

z = 15

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