

Name : _____

Solving Proportions

L2S1

Solve each proportion.

1) $\frac{2}{a} = \frac{6}{5}$

2) $\frac{45}{4} = \frac{12}{2f}$

3) $\frac{h}{15} = \frac{19}{20}$

5) $\frac{24}{16} = \frac{32}{r}$

7) $\frac{34}{25} = \frac{8v}{5}$

9) $\frac{t}{10} = \frac{51}{18}$

10) $\frac{8}{3} = \frac{15}{u}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name: _____

Answer key

L2S1

Solving Proportions

Solve each proportion.

1) $\frac{2}{a} = \frac{6}{5}$

$a = \frac{5}{3}$ or $1\frac{2}{3}$

2) $\frac{45}{4} = \frac{12}{2f}$

$f = \frac{8}{15}$

3) $\frac{h}{15} = \frac{19}{20}$

$h = \frac{57}{4}$

$\frac{52}{3}$ or $17\frac{1}{3}$

5) $\frac{24}{16} = \frac{32}{r}$

$r = \frac{64}{3}$

$\frac{73}{9}$ or $8\frac{1}{9}$

7) $\frac{34}{25} = \frac{8v}{5}$

$v = \frac{20}{20}$

$y = \frac{84}{29}$ or $2\frac{26}{29}$

9) $\frac{t}{10} = \frac{51}{18}$

$t = \frac{85}{3}$ or $28\frac{1}{3}$

10) $\frac{8}{3} = \frac{15}{u}$

$u = \frac{45}{8}$ or $5\frac{5}{8}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com