

Name : \_\_\_\_\_

## Solving Proportions

L2S3

Solve each proportion.

1)  $\frac{84}{7} = \frac{22}{5w}$

\_\_\_\_\_

2)  $\frac{u}{5} = \frac{49}{65}$

\_\_\_\_\_

3)  $\frac{3}{a} = \frac{35}{16}$

\_\_\_\_\_

5)  $\frac{h}{8} = \frac{4}{9}$

\_\_\_\_\_

7)  $\frac{1}{12} = \frac{t}{31}$

\_\_\_\_\_

9)  $\frac{51}{27} = \frac{8}{s}$

\_\_\_\_\_

10)  $\frac{4d}{6} = \frac{7}{48}$

\_\_\_\_\_

# 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](http://www.mathworksheets4kids.com)

Name: \_\_\_\_\_

## Answer key

L2S3

### Solving Proportions

Solve each proportion.

1)  $\frac{84}{7} = \frac{22}{5w}$

$w = \frac{11}{30}$

2)  $\frac{u}{5} = \frac{49}{65}$

$u = \frac{49}{13}$  or  $3\frac{10}{13}$

3)  $\frac{3}{a} = \frac{35}{16}$

$a = \frac{48}{35}$

$\frac{29}{9}$  or  $3\frac{2}{9}$

5)  $\frac{h}{8} = \frac{4}{9}$

$h = \frac{32}{9}$

$\frac{71}{32}$  or  $2\frac{7}{32}$

7)  $\frac{1}{12} = \frac{t}{31}$

$t = \frac{31}{12}$  or  $2\frac{7}{12}$

$c = \frac{45}{86}$

9)  $\frac{51}{27} = \frac{8}{s}$

$s = \frac{72}{17}$  or  $4\frac{4}{17}$

10)  $\frac{4d}{6} = \frac{7}{48}$

$d = \frac{7}{32}$

# 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](http://www.mathworksheets4kids.com)