

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

## Solving Proportions - Algebraic Expressions

L2S5

Solve each proportion.

1)  $\frac{b+6}{b} = \frac{10}{7}$

2)  $\frac{13}{m} = \frac{19}{m+24}$

3)  $\frac{q}{5} = \frac{q-10}{7}$

# 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)

5)  $\frac{7}{h-20} = \frac{1}{2h}$

7)  $\frac{s}{5s-22} = \frac{11}{44}$

8)  $\frac{4}{a} = \frac{9}{a-50}$

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

## Answer key

### Solving Proportions - Algebraic Expressions

L2S5

Solve each proportion.

1)  $\frac{b+6}{b} = \frac{10}{7}$

2)  $\frac{13}{m} = \frac{19}{m+24}$

3)  $\frac{q}{5} = \frac{q-10}{7}$

5)  $\frac{7}{h-20} = \frac{q}{2h}$

7)  $\frac{s}{5s-22} = \frac{11}{44}$

8)  $\frac{4}{a} = \frac{9}{a-50}$

**b**

**m = 52**

# 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)

**h**

**k = 18**

**s = 22**

**a = -40**