



# Solving Proportions

Name \_\_\_\_\_

Score \_\_\_\_\_

PP:12

Solve each proportion.

1)  $\frac{66}{77} = \frac{78}{m}$

m =

2)  $\frac{k}{39} = \frac{34}{26}$

k =

3)  $\frac{1}{3} = \frac{x}{9}$

x =

4)  $\frac{6}{a} = \frac{36}{48}$

a =

5)  $\frac{p}{25} = \frac{16}{20}$

p =

6)  $\frac{14}{56} = \frac{12}{z}$

z =

Solve each proportion.

1)  $\frac{2.4}{\boxed{\phantom{00}}} = \frac{1.3}{2.6}$

2)  $\frac{1.5}{7.5} = \frac{0.3}{\boxed{\phantom{00}}}$

3)  $\frac{8.8}{9.9} = \frac{\boxed{\phantom{00}}}{0.9}$

4)  $\frac{\boxed{\phantom{00}}}{2.2} = \frac{4.2}{3.3}$



# Solving Proportions

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

PP:12

Solve each proportion.

1)  $\frac{66}{77} = \frac{78}{m}$

$m = 91$

2)  $\frac{k}{39} = \frac{34}{26}$

$k = 51$

3)  $\frac{1}{3} = \frac{x}{9}$

$x = 3$

4)  $\frac{6}{a} = \frac{36}{48}$

$a = 8$

5)  $\frac{p}{25} = \frac{16}{20}$

$p = 20$

6)  $\frac{14}{56} = \frac{12}{z}$

$z = 48$

Solve each proportion.

1)  $\frac{2.4}{4.8} = \frac{1.3}{2.6}$

2)  $\frac{1.5}{7.5} = \frac{0.3}{1.5}$

3)  $\frac{8.8}{9.9} = \frac{0.8}{0.9}$

4)  $\frac{2.8}{2.2} = \frac{4.2}{3.3}$