

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

## Solving Proportions

L1S3

Solve each proportion.

1)  $\frac{25}{y} = \frac{10}{6}$

\_\_\_\_\_

2)  $\frac{90}{80} = \frac{w}{72}$

\_\_\_\_\_

3)  $\frac{h}{6} = \frac{4}{24}$

\_\_\_\_\_

5)  $\frac{72}{56} = \frac{r}{7}$

\_\_\_\_\_

7)  $\frac{12}{24} = \frac{36}{8k}$

\_\_\_\_\_

9)  $\frac{100}{v} = \frac{75}{6}$

\_\_\_\_\_

10)  $\frac{7}{5} = \frac{x}{20}$

\_\_\_\_\_

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

## Answer key

### Solving Proportions

L153

Solve each proportion.

1)  $\frac{25}{y} = \frac{10}{6}$

**y = 15**

2)  $\frac{90}{80} = \frac{w}{72}$

**w = 81**

3)  $\frac{h}{6} = \frac{4}{24}$

**h**

**z = 5**

5)  $\frac{72}{56} = \frac{r}{7}$

**r**

**u = 4**

7)  $\frac{12}{24} = \frac{36}{8k}$

**k = 9**

**b = 30**

9)  $\frac{100}{v} = \frac{75}{6}$

**v = 8**

10)  $\frac{7}{5} = \frac{x}{20}$

**x = 28**

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