



Solving Proportions

Name _____

Score _____

PP:10

Solve each proportion.

1) $\frac{36}{42} = \frac{x}{21}$

x =

2) $\frac{3}{y} = \frac{2}{6}$

y =

3) $\frac{p}{5} = \frac{3}{15}$

p =

4) $\frac{4}{7} = \frac{8}{u}$

u =

5) $\frac{16}{m} = \frac{44}{33}$

m =

6) $\frac{12}{72} = \frac{g}{12}$

g =

Solve each proportion.

1) $\frac{1.1}{3.3} = \frac{1.5}{\square}$

2) $\frac{\square}{2.1} = \frac{0.4}{1.2}$

3) $\frac{2.5}{\square} = \frac{5.5}{7.7}$

4) $\frac{5.6}{6.3} = \frac{9.6}{\square}$



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Answer key

PP:10

Solve each proportion.

1) $\frac{36}{42} = \frac{x}{21}$

$x = 18$

2) $\frac{3}{y} = \frac{2}{6}$

$y = 9$

3) $\frac{p}{5} = \frac{3}{15}$

$p = 1$

4) $\frac{4}{7} = \frac{8}{u}$

$u = 14$

5) $\frac{16}{m} = \frac{44}{33}$

$m = 12$

6) $\frac{12}{72} = \frac{g}{12}$

$g = 2$

Solve each proportion.

1) $\frac{1.1}{3.3} = \frac{1.5}{4.5}$

2) $\frac{0.7}{2.1} = \frac{0.4}{1.2}$

3) $\frac{2.5}{3.5} = \frac{5.5}{7.7}$

4) $\frac{5.6}{6.3} = \frac{9.6}{10.8}$