



Solving Proportions

Name _____

Score _____

PP:14

Solve each proportion.

1) $\frac{2}{u-6} = \frac{4}{8}$

u =

2) $\frac{20}{35} = \frac{3m-29}{7}$

m =

3) $\frac{52}{28} = \frac{2d+8}{42}$

d =

4) $\frac{1}{2} = \frac{23}{9t-17}$

t =

5) $\frac{5}{4} = \frac{11w}{7w+9}$

w =

6) $\frac{10c}{8} = \frac{60}{48}$

c =

7) $\frac{14}{g+2} = \frac{21}{g+13}$

g =

8) $\frac{6}{42} = \frac{7}{(y-1)^2}$

y =



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Answer key

PP:14

Solve each proportion.

1) $\frac{2}{u-6} = \frac{4}{8}$

u = **10**

3) $\frac{52}{28} = \frac{2d+8}{42}$

d = **35**

5) $\frac{5}{4} = \frac{11w}{7w+9}$

w = **5**

7) $\frac{14}{g+2} = \frac{21}{g+13}$

g = **20**

2) $\frac{20}{35} = \frac{3m-29}{7}$

m = **11**

4) $\frac{1}{2} = \frac{23}{9t-17}$

t = **7**

6) $\frac{10c}{8} = \frac{60}{48}$

c = **1**

8) $\frac{6}{42} = \frac{7}{(y-1)^2}$

y = **8**