Name_____

Solving Proportions

Date_____ Period____

Solve each proportion. Leave your answer as a fraction in simplest form.

1) $\dfrac{6}{2} = \dfrac{4}{p}$

2) $\dfrac{4}{k} = \dfrac{8}{2}$

3) $\dfrac{n}{4} = \dfrac{8}{7}$

4) $\dfrac{5}{3} = \dfrac{x}{4}$

5) $\dfrac{m}{5} = \dfrac{7}{2}$

6) $\dfrac{7}{4} = \dfrac{r}{5}$

7) $\dfrac{7}{6} = \dfrac{5}{x}$

8) $\dfrac{6}{5} = \dfrac{2}{5n}$

Solve each proportion. Round your answers to the nearest hundredth.

9) $\dfrac{7.7}{3.6} = \dfrac{2.3}{b}$

10) $\dfrac{v}{4.9} = \dfrac{5.4}{6.1}$

11) $\dfrac{6.3}{x} = \dfrac{2.56}{9.3}$

12) $\dfrac{3.4}{x} = \dfrac{2.17}{7.7}$