

**Solving Proportions**

Date: \_\_\_\_\_ Period: \_\_\_\_\_

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

1)  $\frac{8}{3} = \frac{24}{x}$

2)  $\frac{6}{8} = \frac{9}{12}$

3)  $\frac{4}{8} = \frac{2}{x}$

4)  $\frac{5}{2} = \frac{1}{4}$

5)  $\frac{10}{12} = \frac{7}{x}$

6)  $\frac{3}{4} = \frac{1}{2}$

7)  $\frac{2}{4} = \frac{2}{x}$

8)  $\frac{6}{3} = \frac{2}{5x}$

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

9)  $\frac{1.2}{1.8} = \frac{3.2}{x}$

10)  $\frac{1}{4.8} = \frac{0.6}{1.2}$

11)  $\frac{0.2}{1} = \frac{2.04}{10.2}$

12)  $\frac{1.8}{1} = \frac{2.17}{0.2}$