

Name _____ Class _____ Date _____

Practice 7-1 **Ratios and Proportions**

Fill in the blank if $\frac{x}{y} = \frac{5}{8}$,

1. $8x = ?$

2. $? = 5y$

3. $\frac{?}{?} = \frac{8}{5}$

Solve each proportion for x.

4. $\frac{x}{4} = \frac{9}{3}$

5. $\frac{6}{11} = \frac{x}{22}$

6. $\frac{6}{x} = \frac{2}{11}$

7. $\frac{7}{5} = \frac{x}{3}$

8. $\frac{3}{11} = \frac{8}{x}$

9. $\frac{x}{x+2} = \frac{3}{4}$

For each rectangle, find the ratio of the longer side to the shorter side.

