

Name: _____ Date: _____

SOLVING PROPORTION EQUATIONS

Solve the missing variable!

1. $\frac{2}{5} = \frac{x}{20}$ $x =$ _____

2. $\frac{x}{8} = \frac{12}{24}$ $x =$ _____

3. $\frac{15}{x} = \frac{30}{12}$ $x =$ _____

4. $\frac{9}{3} = \frac{x}{15}$ $x =$ _____

5. $\frac{7}{x} = \frac{14}{28}$ $x =$ _____

6. $\frac{4x}{5} = \frac{6}{10}$ $x =$ _____

7. $\frac{x-3}{7} = \frac{9}{14}$ $x =$ _____

8. $\frac{x}{x+4} = \frac{3}{5}$ $x =$ _____

9. $\frac{2}{x} = \frac{x+4}{6}$ $x =$ _____

10. $\frac{3x+2}{7} = \frac{5x-1}{9}$ $x =$ _____