

Name _____

Date _____

Homework #8 - Due Friday 11/16

Directions: Solve each equation. Show all work.

1) $\frac{5}{7} = \frac{8x + 4}{24}$

2) $\frac{1}{6} = \frac{14}{4r - 20}$

3) $\frac{3}{b + 2} = \frac{7}{b + 11}$

4) $\frac{6}{7x - 26} = \frac{3}{7}$

5) $\frac{6}{7} = \frac{x}{x - 24}$

6) $\frac{x}{6} + \frac{2x}{3} = -\frac{2}{3}$

$$7) \frac{x}{2} - \frac{x}{3} = 8$$

$$8) \frac{y}{6} + \frac{y}{4} = 5$$

$$9) \frac{n}{2} - 3 = \frac{n}{5}$$

$$10) \frac{x+1}{4} - \frac{2}{3} = \frac{1}{12}$$