

## Week 10 Homework

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

**Solve each system by substitution.**

$$\begin{aligned} 1) \quad y &= 3x - 1 \\ y &= -8x + 10 \end{aligned}$$

$$\begin{aligned} 2) \quad y &= -5x + 18 \\ y &= -8x + 24 \end{aligned}$$

$$\begin{aligned} 3) \quad y &= 6x - 7 \\ y &= -5x + 4 \end{aligned}$$

$$\begin{aligned} 4) \quad y &= -4x + 23 \\ y &= 2x - 7 \end{aligned}$$

$$\begin{aligned} 5) \quad y &= -4x + 21 \\ -4x + 8y &= 24 \end{aligned}$$

$$\begin{aligned} 6) \quad -7x - 7y &= 14 \\ y &= x - 4 \end{aligned}$$

$$\begin{aligned} 7) \quad -5x + 6y &= -16 \\ y &= x - 4 \end{aligned}$$

$$\begin{aligned} 8) \quad -6x + 2y &= 6 \\ x + 5y &= 15 \end{aligned}$$

$$\begin{aligned} 9) \quad x - 2y &= -4 \\ -3x + 5y &= 7 \end{aligned}$$

$$\begin{aligned} 10) \quad x + 4y &= 15 \\ 5x + 3y &= 24 \end{aligned}$$