

HW8

Date _____ Period _____

Solve each system by substitution.

$$\begin{aligned} 1) \quad & y = x + 9 \\ & 6x + 6y = 18 \end{aligned}$$

$$\begin{aligned} 2) \quad & y = 7x - 15 \\ & 4x + 3y = -20 \end{aligned}$$

$$\begin{aligned} 3) \quad & -2x + 5y = -13 \\ & y = 5x - 21 \end{aligned}$$

$$\begin{aligned} 4) \quad & -5x + 3y = -1 \\ & y = 3x + 5 \end{aligned}$$

$$\begin{aligned} 5) \quad & y = 4x + 18 \\ & 2x + 6y = -22 \end{aligned}$$

$$\begin{aligned} 6) \quad & y = 2x - 16 \\ & 6x + 5y = -16 \end{aligned}$$

$$\begin{aligned} 7) \quad & -5x + 2y = 14 \\ & y = x + 1 \end{aligned}$$

$$\begin{aligned} 8) \quad & 7x - 3y = -23 \\ & y = 8x + 19 \end{aligned}$$

$$\begin{aligned} 9) \quad & y = -5x + 15 \\ & 7x - 2y = 4 \end{aligned}$$

$$\begin{aligned} 10) \quad & -x + 3y = 13 \\ & y = 7x - 9 \end{aligned}$$