

Assignment

Date _____ Period _____

Solve each system by substitution.

1) $y = -3x + 22$
 $-x + 2y = 2$

2) $8x - 7y = -2$
 $y = 4x + 6$

$$\begin{aligned} 3) \quad & y = x + 6 \\ & -8x + 2y = 0 \end{aligned}$$

$$\begin{aligned} 4) \quad & y = 3x + 2 \\ & -6x + 4y = 8 \end{aligned}$$

$$\begin{aligned} 5) \quad & y = 6 \\ & 3x + 6y = 21 \end{aligned}$$

$$\begin{aligned} 6) \quad & 6x - 3y = -15 \\ & y = -2x + 9 \end{aligned}$$

$$\begin{aligned} 7) \quad & -3x - 3y = -15 \\ & y = 8x + 14 \end{aligned}$$

$$\begin{aligned} 8) \quad & y = x + 1 \\ & -2x + 3y = -3 \end{aligned}$$

$$\begin{aligned} 9) \quad & -x - 7y = -6 \\ & y = 3x - 18 \end{aligned}$$

$$\begin{aligned} 10) \quad & y = 2x + 8 \\ & -6x + 7y = 8 \end{aligned}$$