

6-2A: Solving Systems with Substitution

Date _____ Period ____ Table _____

Solve each system by substitution.

$$\begin{aligned} 1) \quad & -6x + 3y = -15 \\ & y = -3 \end{aligned}$$

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

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

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

$$\begin{aligned} 5) \quad & -8x - 7y = 12 \\ & y = -2x \end{aligned}$$

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

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

$$\begin{aligned} 8) \quad x + y &= -5 \\ 5x - 2y &= -11 \end{aligned}$$

$$\begin{aligned} 9) \quad 6x + 2y &= -24 \\ x + 4y &= 18 \end{aligned}$$

$$\begin{aligned} 10) \quad x + y &= 1 \\ 5x + 4y &= 3 \end{aligned}$$

$$\begin{aligned} 11) \quad 6x + 2y &= -2 \\ -7x + y &= -1 \end{aligned}$$

$$\begin{aligned} 12) \quad x + 4y &= 6 \\ 2x - 3y &= 1 \end{aligned}$$