

## Solving Systems of Equations by Substitution

**Solve each system by substitution.**

$$\begin{aligned} 1) \quad & y = 6x - 11 \\ & -2x - 3y = -7 \\ & (2, 1) \end{aligned}$$

$$\begin{aligned} 2) \quad & 2x - 3y = -1 \\ & y = x - 1 \\ & (4, 3) \end{aligned}$$

$$\begin{aligned} 3) \quad & y = -3x + 5 \\ & 5x - 4y = -3 \\ & (1, 2) \end{aligned}$$

$$\begin{aligned} 4) \quad & -3x - 3y = 3 \\ & y = -5x - 17 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 5) \quad & y = -2 \\ & 4x - 3y = 18 \\ & (3, -2) \end{aligned}$$

$$\begin{aligned} 6) \quad & y = 5x - 7 \\ & -3x - 2y = -12 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 7) \quad & -4x + y = 6 \\ & -5x - y = 21 \\ & (-3, -6) \end{aligned}$$

$$\begin{aligned} 8) \quad & -7x - 2y = -13 \\ & x - 2y = 11 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 9) \quad & -5x + y = -2 \\ & -3x + 6y = -12 \\ & (0, -2) \end{aligned}$$

$$\begin{aligned} 10) \quad & -5x + y = -3 \\ & 3x - 8y = 24 \\ & (0, -3) \end{aligned}$$