

Solving Systems of Equations by Substitution (version 2)

Period _____

Solve each system by substitution.

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

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

$$\begin{aligned} 3) \quad & y = -7x - 4 \\ & -14x - 2y = -8 \end{aligned}$$

$$\begin{aligned} 4) \quad & -3x - 8y = 24 \\ & y = 6x - 3 \end{aligned}$$

$$\begin{aligned} 5) \quad & y = x - 11 \\ & 5x + 4y = 10 \end{aligned}$$

$$\begin{aligned} 6) \quad & 3x + 3y = -12 \\ & y = 4x - 19 \end{aligned}$$

$$\begin{aligned} 7) \quad & y = x + 1 \\ & -3x + 3y = 3 \end{aligned}$$

$$\begin{aligned} 8) \quad & y = -3x - 2 \\ & 8x + 7y = 12 \end{aligned}$$

$$\begin{array}{l} 9) \quad x + 3y = -17 \\ \quad 5x - 2y = 0 \end{array}$$

$$\begin{array}{l} 10) \quad -5x + 7y = 10 \\ \quad -5x + y = 10 \end{array}$$

$$\begin{array}{l} 11) \quad 4x + 3y = 10 \\ \quad x - 2y = 19 \end{array}$$

$$\begin{array}{l} 12) \quad x + 2y = 7 \\ \quad -6x + 8y = 18 \end{array}$$

$$\begin{array}{l} 13) \quad 6x - 5y = 7 \\ \quad x + 7y = 9 \end{array}$$

$$\begin{array}{l} 14) \quad x - 7y = -2 \\ \quad -x - 3y = -8 \end{array}$$

$$\begin{array}{l} 15) \quad x + 5y = 4 \\ \quad -5x + 3y = -20 \end{array}$$

$$\begin{array}{l} 16) \quad -8x + 3y = 24 \\ \quad 2x + y = 8 \end{array}$$