

Please do all work in order on loose leaf.

Solve each system by substitution.

$$\begin{aligned} 1) \quad & y = -3x + 14 \\ & 3x - 6y = 21 \end{aligned}$$

$$\begin{aligned} 2) \quad & -5x + y = -3 \\ & 6x - 3y = 18 \end{aligned}$$

$$\begin{aligned} 3) \quad & 4x + y = 13 \\ & 3x + 6y = 15 \end{aligned}$$

$$\begin{aligned} 4) \quad & -4x - 7y = -18 \\ & 3x + y = 5 \end{aligned}$$

Solve each system by elimination.

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

$$\begin{aligned} 6) \quad & 10x + y = -1 \\ & 8x + y = -1 \end{aligned}$$

$$\begin{aligned} 7) \quad & 6x - 3y = 12 \\ & -8x - 3y = -30 \end{aligned}$$

$$\begin{aligned} 8) \quad & -7x - 16y = -4 \\ & -6x - 8y = 8 \end{aligned}$$

$$\begin{aligned} 9) \quad & -2x - 2y = 0 \\ & -5x - 8y = -12 \end{aligned}$$

$$\begin{aligned} 10) \quad & 7x + 4y = 21 \\ & 3x + 10y = 9 \end{aligned}$$

$$\begin{aligned} 11) \quad & 5x + 15y = 21 \\ & 2x + 6y = 6 \end{aligned}$$

$$\begin{aligned} 12) \quad & -8x + 9y = 25 \\ & 7x - 7y = -14 \end{aligned}$$