

Solving by Elimination

Name _____ Period _____

Use the process of elimination to solve each of the systems of equations. Provide your solutions as a coordinate.

1.

$$\begin{aligned}8x + y &= -16 \\ -3x + y &= -5\end{aligned}$$

2.

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

3.

$$\begin{aligned}x - y &= 11 \\ 2x + y &= 19\end{aligned}$$

4.

$$\begin{aligned}4x + 8y &= 20 \\ -4x + 2y &= -30\end{aligned}$$

5.

$$\begin{aligned}5x + y &= 9 \\ 10x - 7y &= -18\end{aligned}$$

6.

$$\begin{aligned}-7x + y &= -19 \\ -2x + 3y &= -19\end{aligned}$$

7.

$$\begin{aligned}-4x - 15y &= -17 \\ -x + 5y &= -13\end{aligned}$$

8.

$$\begin{aligned}5x + 4y &= -30 \\ 3x - 9y &= -18\end{aligned}$$