

Name: _____

Date: _____

Algebra 1 System of Equations Worksheet

Instructions: Solve for both x and y.

1) $x - y = 6$
 $-x - 2y = 3$

2) $3x + y = 5$
 $4x - 7y = -10$

3) $-3x - y = -9$
 $-x + 2y = -10$

4) $-x + y = 1$
 $2x + y = -2$

5) $3y - 2x = 11$
 $y + 2x = 9$

$$\begin{aligned} 6) \quad & 2x - 9y = 0 \\ & x - 18y = 27 \end{aligned}$$

$$\begin{aligned} 7) \quad & 5x - y = -7 \\ & 2x + 3y = -13 \end{aligned}$$

$$\begin{aligned} 8) \quad & 2x - 3y = -2 \\ & 4x + y = 24 \end{aligned}$$

$$\begin{aligned} 9) \quad & 3x - 2y = 8 \\ & x + 5y = -3 \end{aligned}$$

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