

## The Elimination Method

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each system by elimination.**

1) 
$$\begin{aligned} -3x + 6y &= -18 \\ 2x - 6y &= 16 \end{aligned}$$

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

3) 
$$\begin{aligned} 3x + 6y &= 30 \\ -6x - 2y &= 10 \end{aligned}$$

4) 
$$\begin{aligned} -7x - 8y &= -18 \\ 14x + 7y &= 0 \end{aligned}$$

5) 
$$\begin{aligned} 9x - 6y &= 24 \\ 10x + 12y &= 8 \end{aligned}$$

6) 
$$\begin{aligned} -x - 3y &= 11 \\ 4x - y &= 8 \end{aligned}$$

7) 
$$\begin{aligned} 2x + 4y &= -4 \\ 8x + 5y &= 17 \end{aligned}$$

8) 
$$\begin{aligned} -4x + y &= 3 \\ -8x + 2y &= 6 \end{aligned}$$

9) 
$$\begin{aligned} -4 &= -y - \frac{3}{2}x \\ -26 &= -7y - 10x \end{aligned}$$

10) 
$$\begin{aligned} -2y + 1 &= 9x \\ 0 &= 15 - 5y - 10x \end{aligned}$$