

## Assignment 66

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

Solve each system by elimination, multiply both equations.

1)  $5x + 5y = 5$   
 $-2x - 6y = -18$

2)  $5x + 5y = -5$   
 $6x + 4y = -6$

 $(-1, 0)$  Yes or No

3)  $3x + 5y = 12$   
 $5x - 3y = -14$

 $(-2, 3)$  Yes or No

4)  $-5x + 3y = 5$   
 $4x - 5y = -17$

$$\begin{aligned} 5) \quad & 4x + 6y = -10 \\ & -3x + 5y = -2 \end{aligned}$$

$$\begin{aligned} 6) \quad & -4x + 3y = 16 \\ & 5x - 2y = -13 \end{aligned}$$

$(-2, 3)$  Yes or No

$$\begin{aligned} 7) \quad & 4x - 6y = -6 \\ & 3x - 5y = -4 \end{aligned} \quad (-3, -1) \text{ Yes or No}$$

$$\begin{aligned} 8) \quad & 4x - 6y = 0 \\ & 3x - 5y = -2 \end{aligned}$$

$$\begin{aligned} 9) \quad & -4x - 5y = 10 \\ & 3x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 10) \quad & -3x + 4y = 6 \\ & -2x + 5y = 11 \end{aligned} \quad (2, 3) \text{ Yes or No}$$

$$\begin{aligned} 11) \quad & -4x - 3y = 12 \\ & -5x + 5y = 15 \end{aligned}$$

$(0, 3)$  Yes or No

$$\begin{aligned} 12) \quad & -5x - 6y = 4 \\ & 3x - 5y = -11 \end{aligned}$$

$$\begin{aligned} 13) \quad & 5x + 3y = 3 \\ & 4x + 5y = 18 \end{aligned}$$

$(4, 1)$  Yes or No

$$\begin{aligned} 14) \quad & 6x + 4y = -10 \\ & -4x + 3y = 18 \end{aligned}$$

$(-1, -1)$  Yes or No

$$\begin{aligned} 15) \quad & 3x + 5y = -17 \\ & -5x + 6y = 14 \end{aligned}$$

$$\begin{aligned} 16) \quad & 3x + 5y = -5 \\ & -2x - 3y = 4 \end{aligned}$$

$(-2, 0)$  Yes or No

$$\begin{aligned} 17) \quad & 3x - 3y = -6 \\ & 2x - 4y = 0 \end{aligned}$$

$$\begin{aligned} 18) \quad & -3x - 5y = -4 \\ & -2x - 3y = -2 \end{aligned}$$

$$\begin{aligned} 19) \quad & -2x + 2y = 16 \\ & -3x - 3y = 12 \end{aligned}$$

$$\begin{aligned} 20) \quad & -6x + 3y = 12 \\ & 5x - 4y = -13 \end{aligned}$$