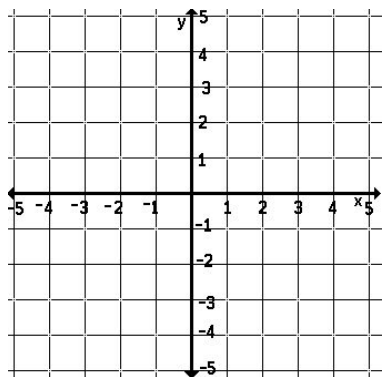


Name: _____

7.2 Substitution Worksheet #2

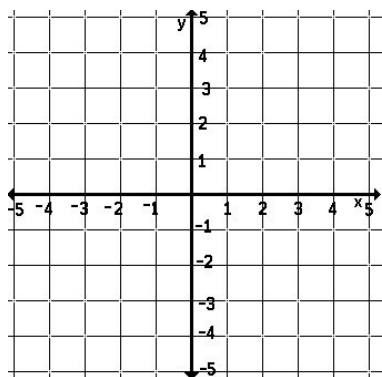
Solve by graphing:

1) $y = 6x - 11$
 $-2x - 3y = -7$

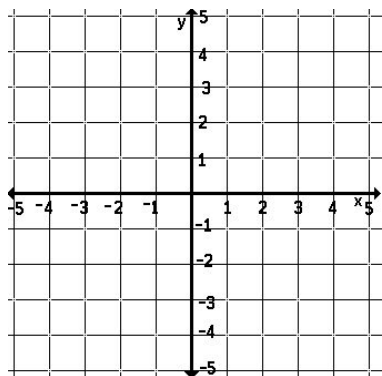


Solve the same system by substitution:

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



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



Solve each system by substitution:

$$\begin{aligned} 11) \quad & y = 6x - 6 \\ & -3x - 3y = -24 \end{aligned}$$

$$\begin{aligned} 12) \quad & -x + 3y = 12 \\ & y = 6x + 21 \end{aligned}$$

$$\begin{aligned} 13) \quad & y = -6 \\ & 3x - 6y = 30 \end{aligned}$$

$$\begin{aligned} 14) \quad & 6x - 4y = -8 \\ & y = -6x + 2 \end{aligned}$$

$$\begin{aligned} 15) \quad & y = -5 \\ & 3x + 4y = -17 \end{aligned}$$

$$\begin{aligned} 16) \quad & 7x + 2y = -7 \\ & y = 5x + 5 \end{aligned}$$

$$\begin{aligned} 17) \quad & -2x + 2y = 18 \\ & y = 7x + 15 \end{aligned}$$

$$\begin{aligned} 18) \quad & y = x + 4 \\ & 3x - 4y = -19 \end{aligned}$$