

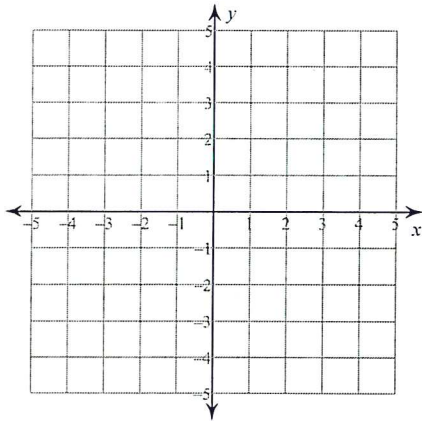
7.1-7.3 Review wkst

Solving Systems of Equations by Graphing

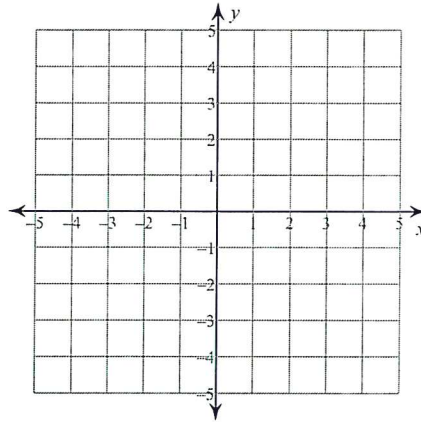
Solve each system by graphing.

1) $y = -\frac{5}{3}x + 3$

$y = \frac{1}{3}x - 3$

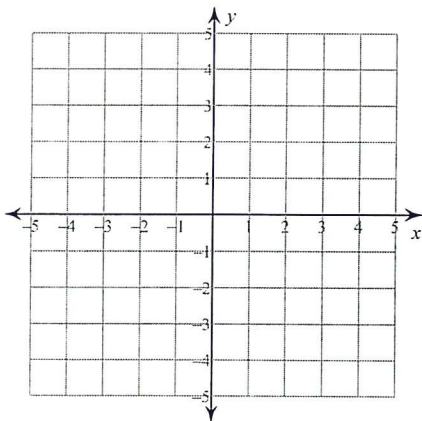


2) $y = 4x + 3$
 $y = -x - 2$

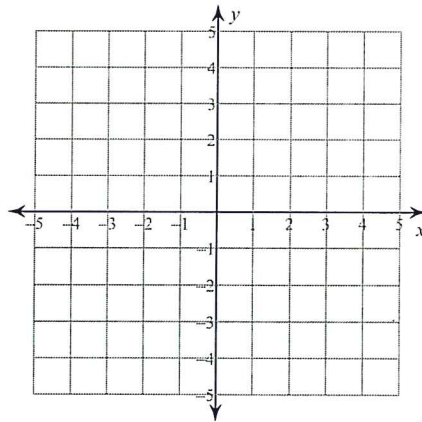


3) $y = -\frac{1}{2}x - 1$

$y = \frac{1}{4}x - 4$



4) $y = -1$
 $y = -\frac{5}{2}x + 4$



Solving Systems of Equations by Substitution

Solve each system by substitution.

$$\begin{aligned} 1) \quad & y = 6x - 11 \\ & -2x - 3y = -7 \end{aligned}$$

$$\begin{aligned} 2) \quad & 2x - 3y = -1 \\ & y = x - 1 \end{aligned}$$

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

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

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

$$\begin{aligned} 6) \quad & y = 5x - 7 \\ & -3x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 7) \quad & -4x + y = 6 \\ & -5x - y = 21 \end{aligned}$$

$$\begin{aligned} 8) \quad & -7x - 2y = -13 \\ & x - 2y = 11 \end{aligned}$$

$$\begin{aligned} 9) \quad & -5x + y = -2 \\ & -3x + 6y = -12 \end{aligned}$$

$$\begin{aligned} 10) \quad & -5x + y = -3 \\ & 3x - 8y = 24 \end{aligned}$$

Solving Systems of Equations by Elimination

Solve each system by elimination.

1)
$$\begin{aligned} -4x - 2y &= -12 \\ 4x + 8y &= -24 \end{aligned}$$

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

3)
$$\begin{aligned} x - y &= 11 \\ 2x + y &= 19 \end{aligned}$$

4)
$$\begin{aligned} -6x + 5y &= 1 \\ 6x + 4y &= -10 \end{aligned}$$

5)
$$\begin{aligned} -2x - 9y &= -25 \\ -4x - 9y &= -23 \end{aligned}$$

6)
$$\begin{aligned} 8x + y &= -16 \\ -3x + y &= -5 \end{aligned}$$

7)
$$\begin{aligned} -6x + 6y &= 6 \\ -6x + 3y &= -12 \end{aligned}$$

8)
$$\begin{aligned} 7x + 2y &= 24 \\ 8x + 2y &= 30 \end{aligned}$$

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

~~10)
$$\begin{aligned} -4x + 9y &= 9 \\ x - 3y &= -6 \end{aligned}$$~~

~~11)
$$\begin{aligned} -3x + 7y &= -16 \\ -9x + 5y &= 16 \end{aligned}$$~~

~~12)
$$\begin{aligned} -7x + y &= -19 \\ -2x + 3y &= -19 \end{aligned}$$~~