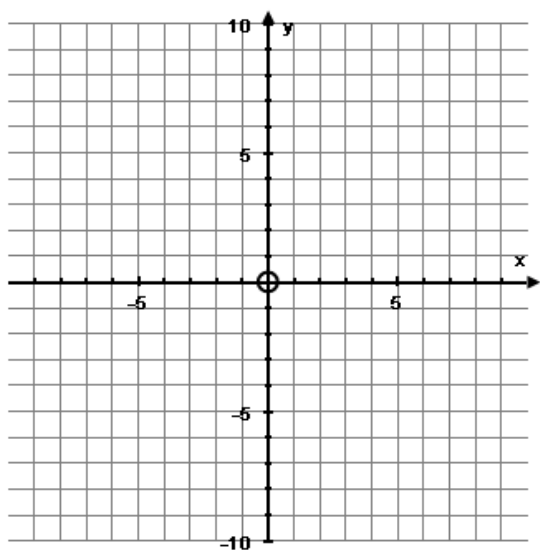
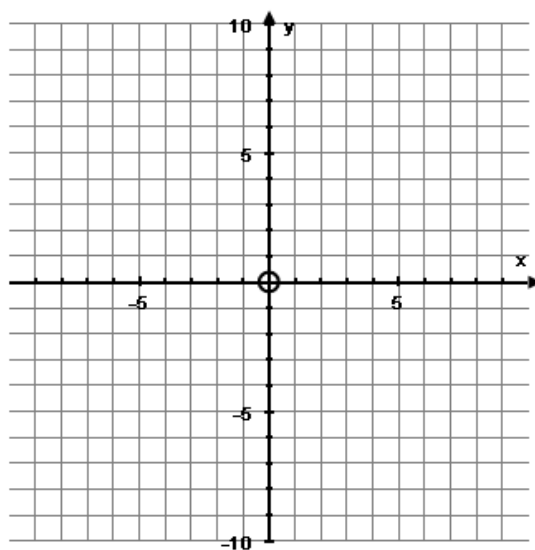


Solve the systems below by graphing. Be sure to label your graph as appropriate and to state your final solution(s) clearly.

1.)  $x = 4$   
 $y = \frac{3}{4}x + 1$



2.)  $5x + 4y = 24$   
 $y = \frac{1}{4}x$



Use the best method to solve each system of equations algebraically.

3.)  $y = 5x - 8$   
 $4x + 3y = 33$

4.)  $2x + 3y = 14$   
 $3x - 4y = 4$

Use the best method to solve each system of equations algebraically.

5.) 
$$\begin{aligned} -3x - 4y &= -1 \\ 3x - y &= -4 \end{aligned}$$

6.) 
$$\begin{aligned} x - 5y &= 10 \\ 2x - 10y &= 20 \end{aligned}$$

7.) 
$$\begin{aligned} x + 5y &= 4 \\ 3x + 15y &= -1 \end{aligned}$$

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

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

10.) If  $2x + y = 5$  and  $x - y = 7$ , then  $y$  is equal to ?