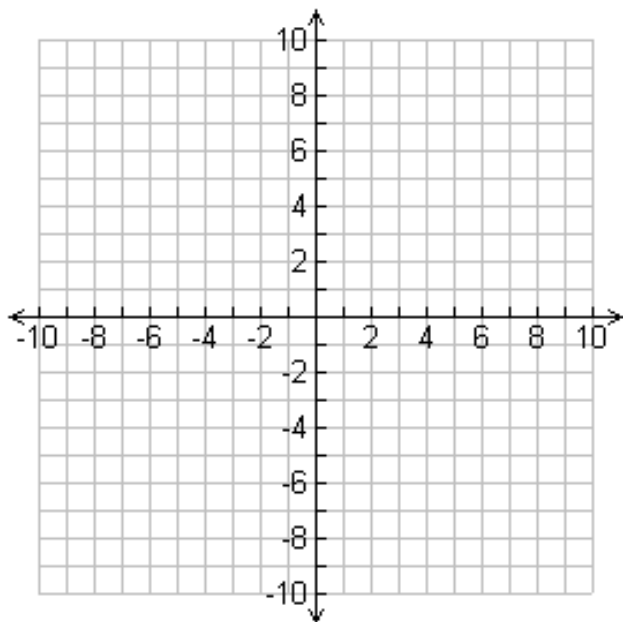


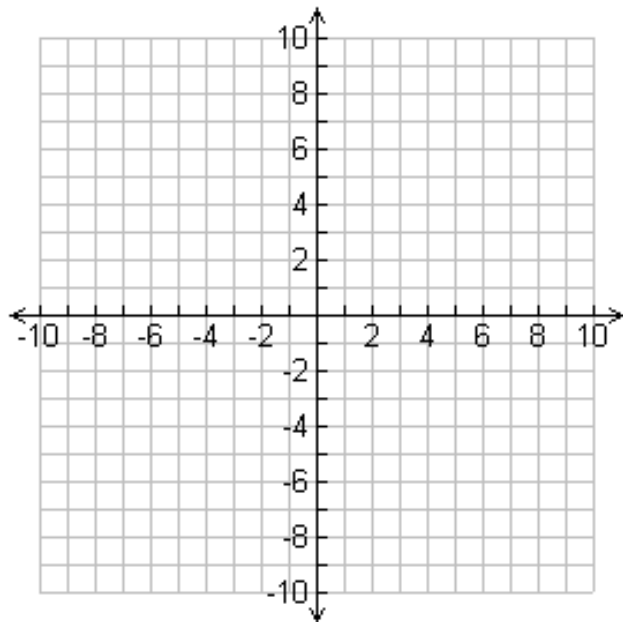
Unit 2 2.2p Graphing Systems Practice

Graph each system of equations to find the solution

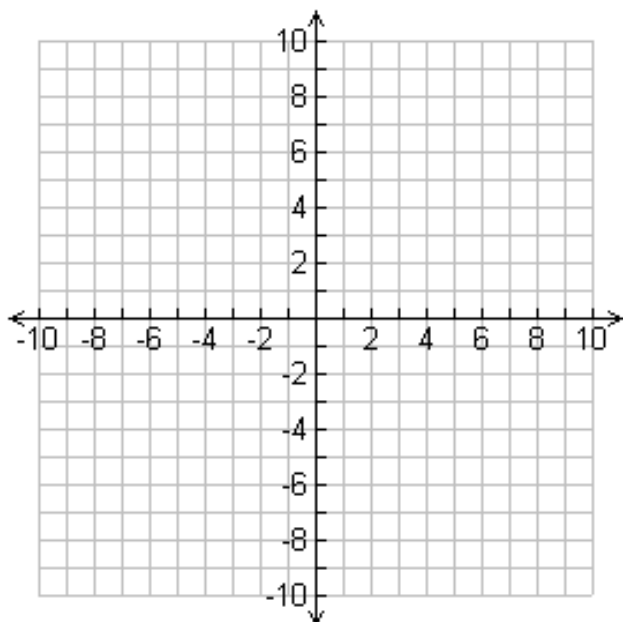
1. 
$$\begin{cases} y = 2x + 6 \\ y = -\frac{1}{2}x + 1 \end{cases}$$



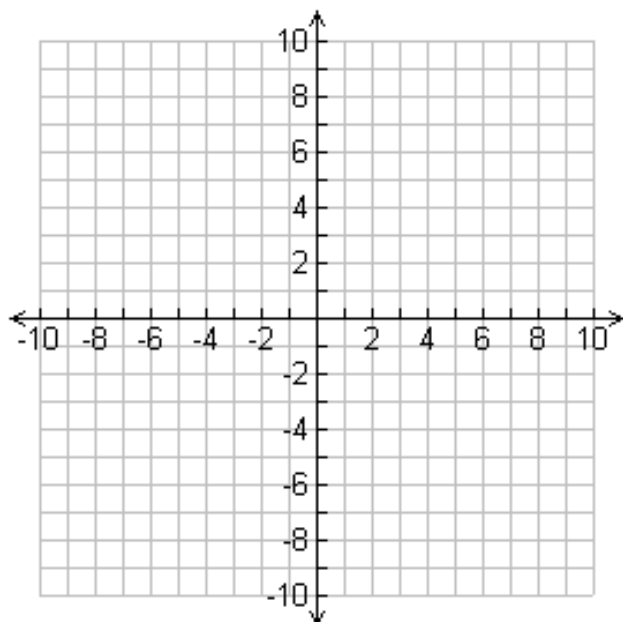
2. 
$$\begin{cases} 4x - 3y = 15 \\ y = \frac{4}{3}x + 6 \end{cases}$$



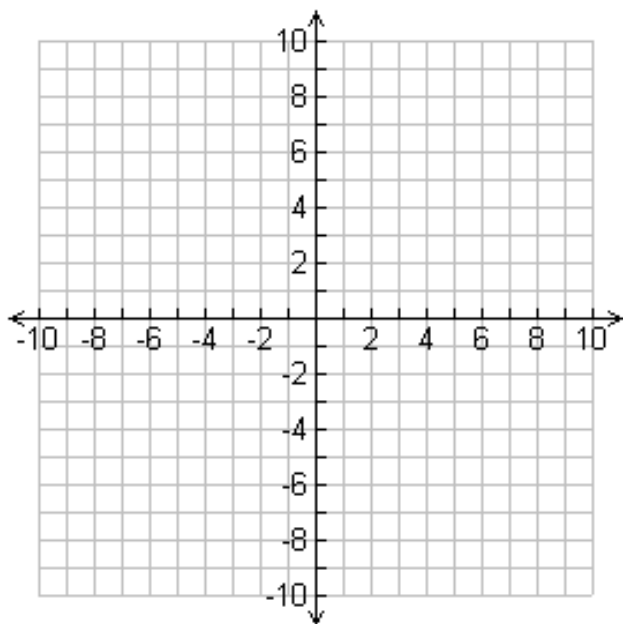
3. 
$$\begin{cases} y = \frac{8}{5}x + 1 \\ x = 5 \end{cases}$$



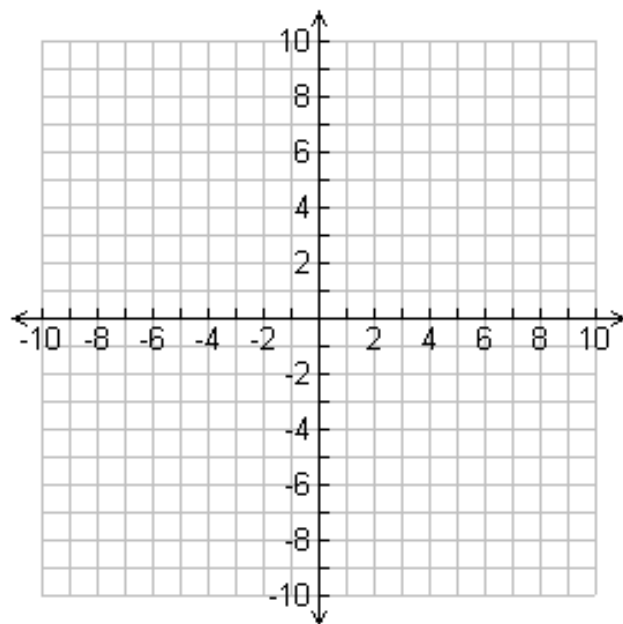
4. 
$$\begin{cases} y = -\frac{1}{2}x + 3 \\ 2x + 4y = 12 \end{cases}$$



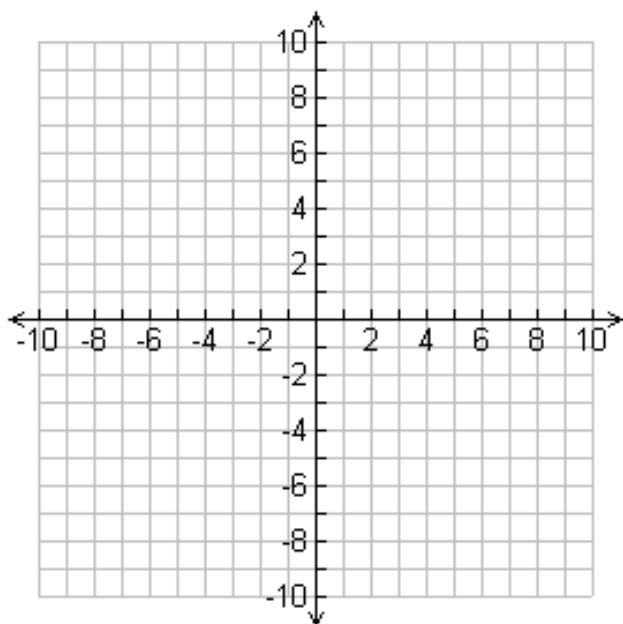
$$5. \begin{cases} y = \frac{3}{2}x - 1 \\ 3x + 2y = 10 \end{cases}$$



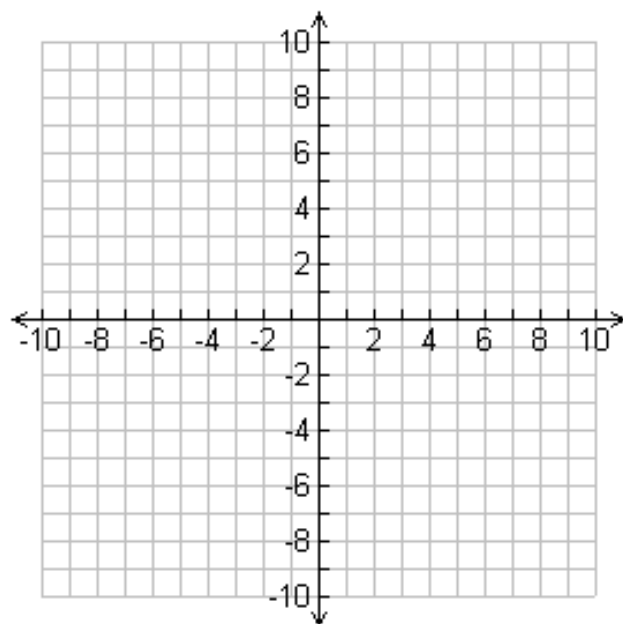
$$6. \begin{cases} y = \frac{1}{3}x + 2 \\ -4x + 9y = 9 \end{cases}$$



$$7. \begin{cases} y = -4x \\ x = 2 \end{cases}$$



$$8. \begin{cases} 4x + 8y = -24 \\ -4x - 2y = -12 \end{cases}$$



9. Which ordered pair(s) is/are a solution(s) to  $4x - y = 9$ ?

- a. (0,9)                      b. (2, -1)                      c. (3, -3)                      d. (1,5)

10. Which ordered pair(s) is/are a solution(s) to  $y = \frac{2}{3}x + 9$ ?

- a. (3,15)                      b. (-3,3)                      c. (-6,13)                      d. (-9,3)

11. Which ordered pair(s) is/are NOT a solution(s) to  $y = 4x - 5$ ?

- a. (2,3)                      b. (-1, -9)                      c. (1,1)                      d. (3,7)

12. Which ordered pair(s) is/are NOT a solution(s)  $6x + 5y = 30$ ?

- a. (5,0)                      b. (0,6)                      c. (15, -12)                      d. (-6,10)