

Algebra 2 CP: Page 142 #12, 14, 16, #42-52 EVEN

#12.) Check whether the ordered pair is a solution of the system.

$$x + 2y = 3 \qquad (3, 0)$$

$$10x + y = 30$$

#14.) Check whether the ordered pair is a solution of the system.

$$-x - y = 8 \qquad (3, 0)$$

$$2x + 5y = -31$$

#16.) Check whether the ordered pair is a solution of the system.

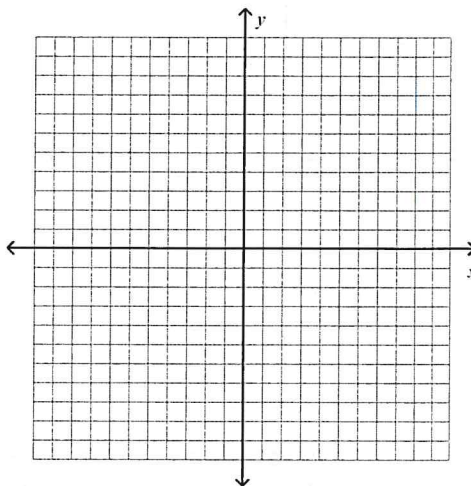
$$-3x - y = -38 \qquad (10, 8)$$

$$-8x + 8y = -16$$

#42.) Graph the linear system and tell how many solutions it has. If there is exactly one solution, state the solution.

$$7x + y = 10$$

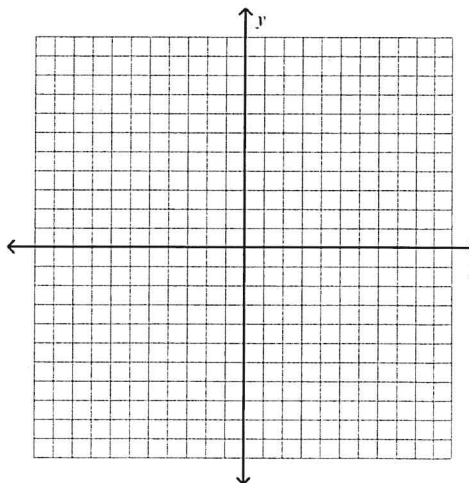
$$3x - 2y = -3$$



#44.) Graph the linear system and tell how many solutions it has. If there is exactly one solution, state the solution.

$$y = -5 - x$$

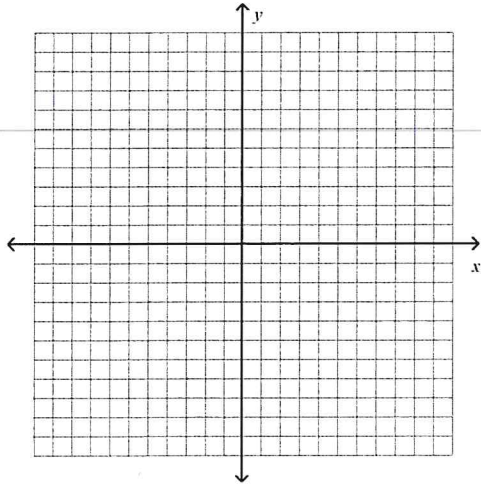
$$x + 3y = -15$$



#46.) Graph the linear system and tell how many solutions it has. If there is exactly one solution, state the solution.

$$-4y = 24x + 4$$

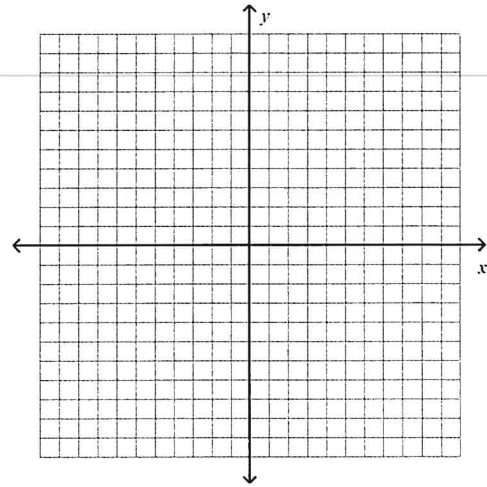
$$y = -6x - 1$$



#50.) Graph the linear system and tell how many solutions it has. If there is exactly one solution, state the solution.

$$\frac{1}{2}x + 3y = 6$$

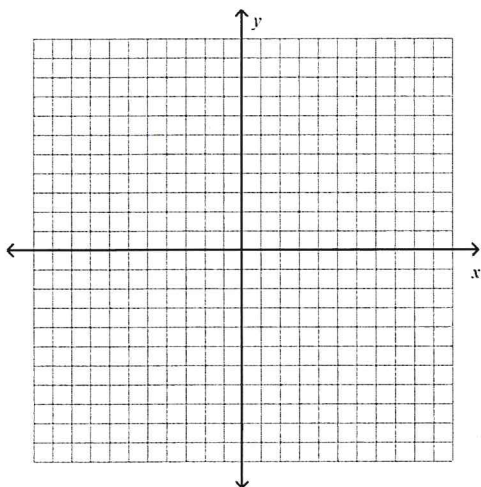
$$\frac{1}{3}x - 5y = -3$$



#48.) Graph the linear system and tell how many solutions it has. If there is exactly one solution, state the solution.

$$y = \frac{3}{4}x + 3$$

$$y = 3x - 6$$



#52.) Graph the linear system and tell how many solutions it has. If there is exactly one solution, state the solution.

$$\frac{3}{4}x + y = 5$$

$$3x + 4y = 2$$

