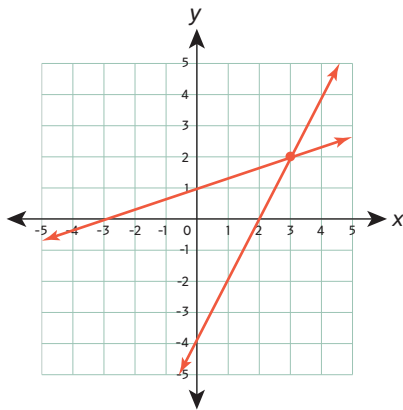


Graphing Systems of Linear Equations



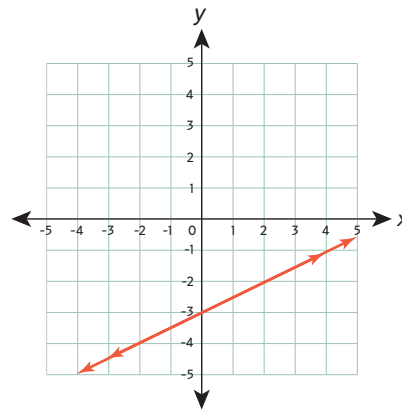
Graph each system of equations. Then, determine if there is one solution, no solution, or infinitely many solutions. If there is one solution, write it as an ordered pair.



$$y = 2x - 4$$

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

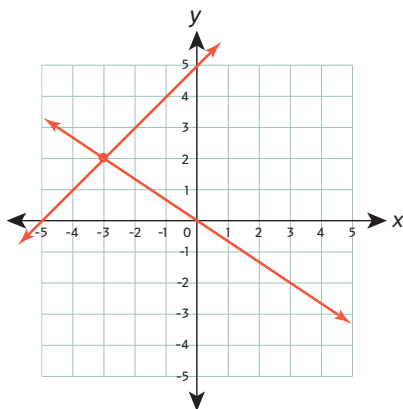
- One Solution:
(3 , 2)
- No Solution
- Infinite Solutions



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

$$y = \frac{2}{4}x - 3$$

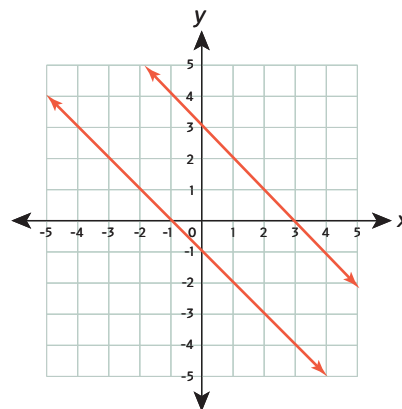
- One Solution:
(_____ , _____)
- No Solution
- Infinite Solutions



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

$$y = x + 5$$

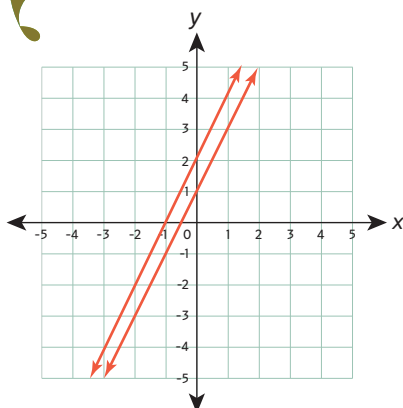
- One Solution:
(-3 , 2)
- No Solution
- Infinite Solutions



$$y = -x + 3$$

$$y = -x - 1$$

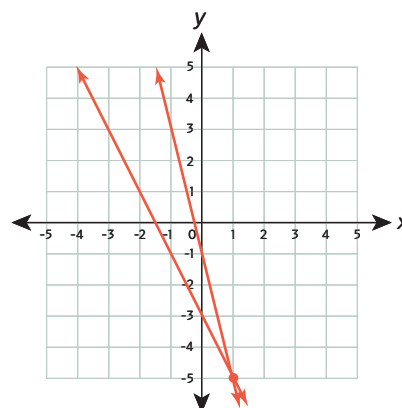
- One Solution:
(_____ , _____)
- No Solution
- Infinite Solutions



$$2y = 4x + 4$$

$$y = 2x + 1$$

- One Solution:
(_____ , _____)
- No Solution
- Infinite Solutions



$$y = -2x - 3$$

$$4x + y = -1$$

- One Solution:
(1 , -5)
- No Solution
- Infinite Solutions