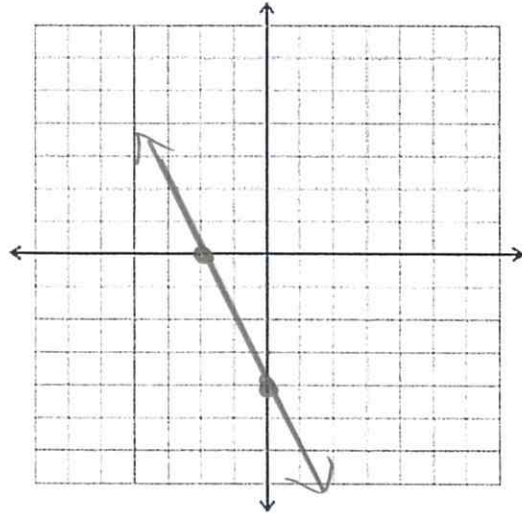




x-intercept: $\frac{-4}{1}$

y-intercept: 2

Table

x	y
0	2
-4	0
-2	1
2	3
4	4

Standard Form

$$Ax + By = C$$

Let's use

$$-3x + 6y = 12$$

Is the ordered pair $(0, -5)$ a solution? If not, give an ordered pair that is a solution.

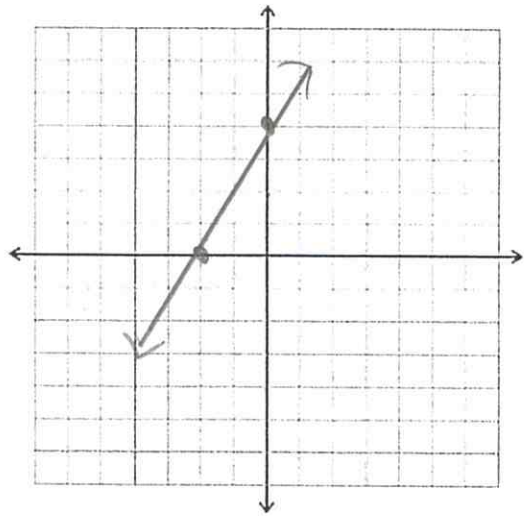
No.
 $(-2, 1)$ is a solution

Does the given line pass through the origin? Explain.

No. It's shifted up 2 units

Convert the equation to slope intercept form

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



x-intercept: 4

y-intercept: 2

Table

x	y
0	2
4	0
2	1
-2	3
-4	4

Standard Form

$$Ax + By = C$$

Let's use

$$4x + 8y = 16$$

Is the ordered pair $(0, -5)$ a solution? If not, give an ordered pair that is a solution.

No.
 $(0, 2)$ is a solution

Does the given line pass through the origin? Explain.

No. It's shifted up 2 units

Convert the equation to slope intercept form

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