

Basic Level

Directions: Determine if the point is a solution to the equation and write **yes** or **no** as your answer.

	$y = x$	$y = 3x$	$y = 2x - 5$
(1, 3)			
(0, 0)			
(-1, 6)			
(2, -1)			

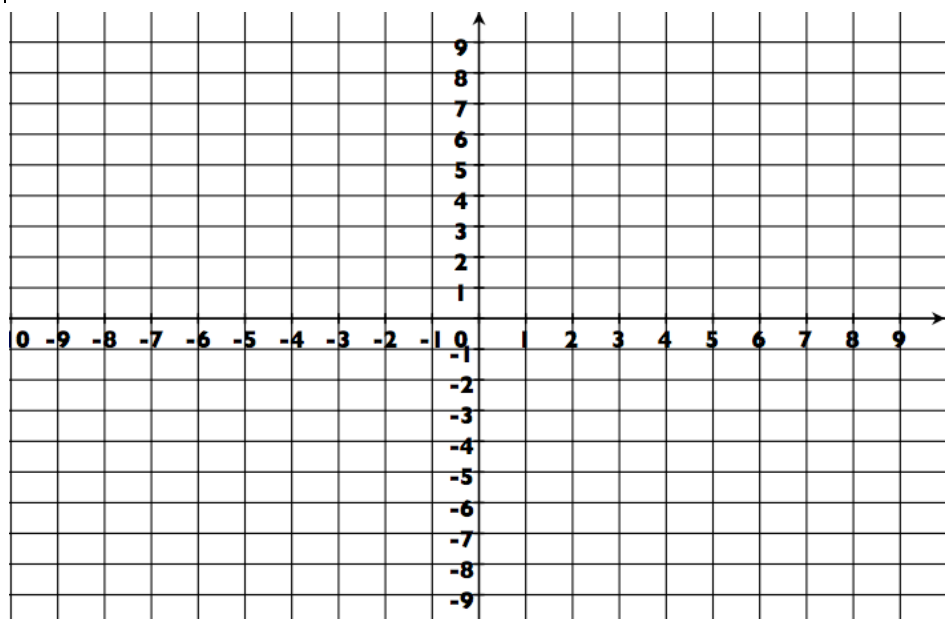
Directions: Make a **table of ordered pairs** and **plot the line** for each equation.

$y = -2x$

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

$y = x + 3$

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



Algebra A
Chapter 5, Lesson 8: Classwork

Proficient Level

Directions: Determine if the point is a solution to the equation and write **yes** or **no** as your answer.

	$y = -4x$	$y = -2x + 7$	$y = \frac{1}{2}x - 5$
(1, -4)			
(0, -5)			
(3, 1)			
(4, -3)			

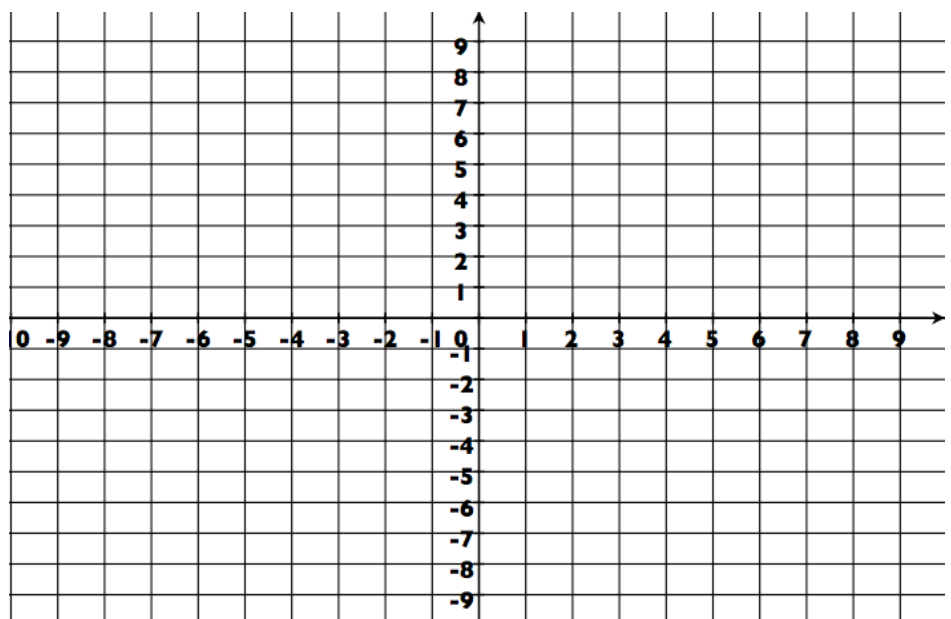
Directions: Make a **table of ordered pairs** and **plot the line** for each equation.

$y = -x + 5$

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

$y = -2x - 3$

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



Algebra A
Chapter 5, Lesson 8: Classwork

Advanced Level

Directions: Determine if the point is a solution to the equation and write **yes** or **no** as your answer.

	$y = -\frac{1}{2}x + 11$	$y = 12x - 23$	$3x - y = -5$
(10, 21)			
(6, 13)			
(2, 11)			
(12, 5)			

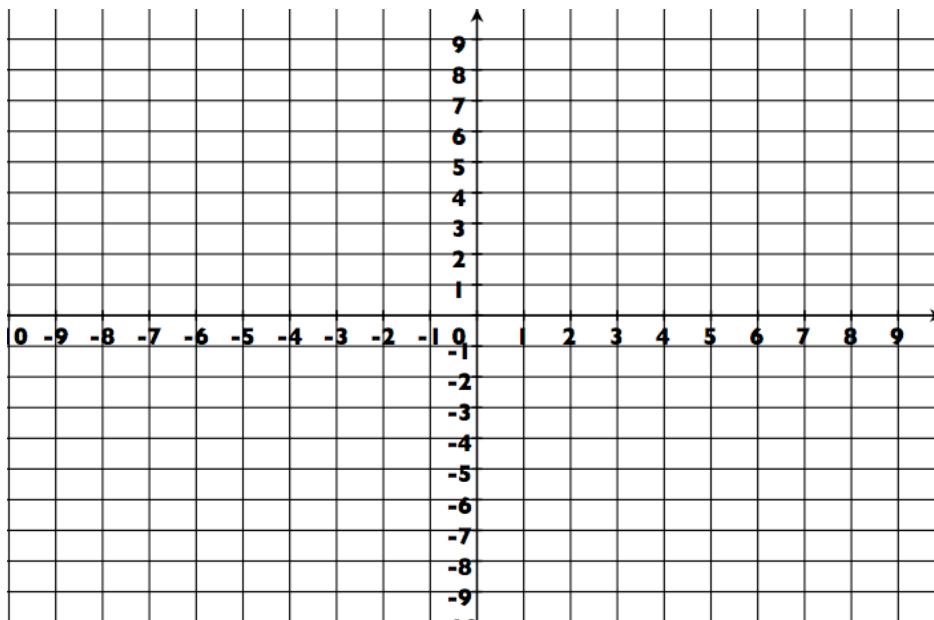
Directions: Make a **table of ordered pairs** and **plot the line** for each equation.

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

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

$$-3x + 2y = 6$$

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



Main Concept

Checking Solutions:

$$3x + 7 = -2$$

$$x = -3$$

Solution:

$$y = 4x + 1$$

$$x = 1$$
$$y = 5$$

Solution:

Is the point a solution?

$$y = 2x \quad (1, 3)$$

$$y = 2x \quad (4, 8)$$

You Try!

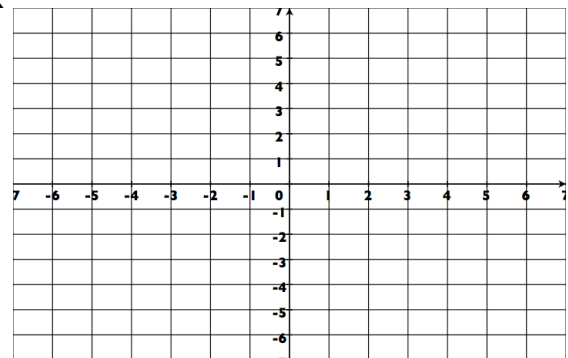
1.

2.

Table of Ordered Pairs

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

$$y = 2x$$



You Try!

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

$$y = -x + 4$$

