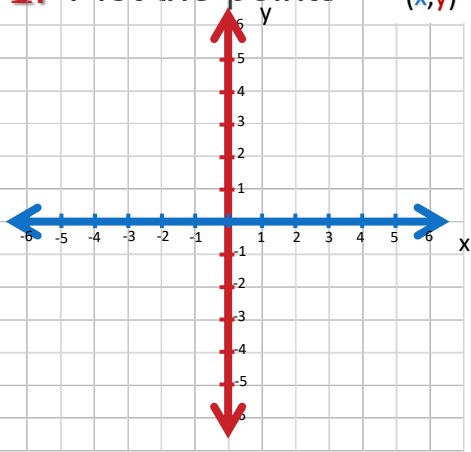


Warmup

1. Plot the points

(x,y)

A: (-3,-4)
 B: (6,5)
 C: (3,2)
 D: (0,-1)



2. Calculate:

$$x = -50 \div 5$$

3. Evaluate the expression if $x = 1$, and $y = -7$

$$x + y$$

4. Evaluate the expression if $x = 6$

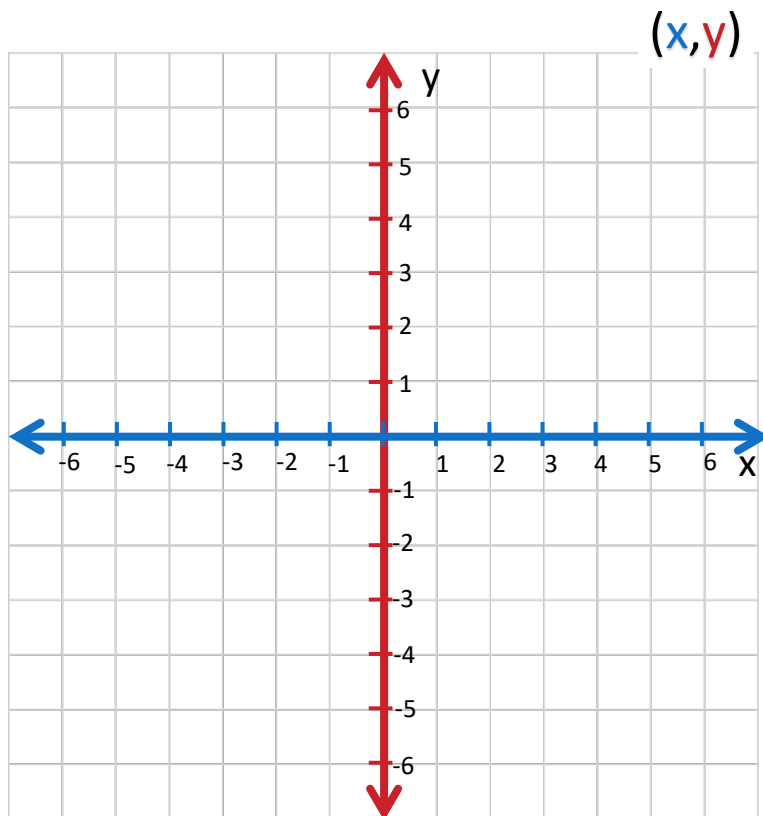
$$-3x + -5$$

I. Graph Lines on the Coordinate Plane by Calculating (x,y) Values

Graph the Function $y = 2x$ by setting up a table of (x,y) values.

X		Y
-2		
-1		
0		
1		
2		

Line: A line is drawn on the coordinate plane through two points.

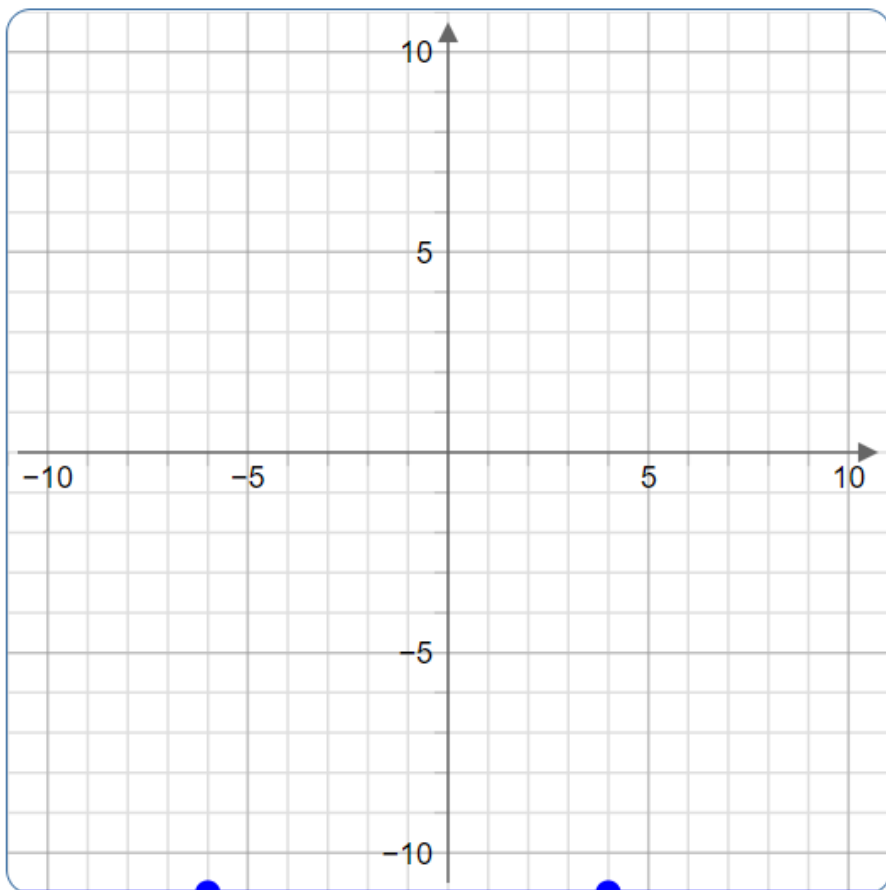


Graph the equation $y = 3x - 3$

To graph a line:

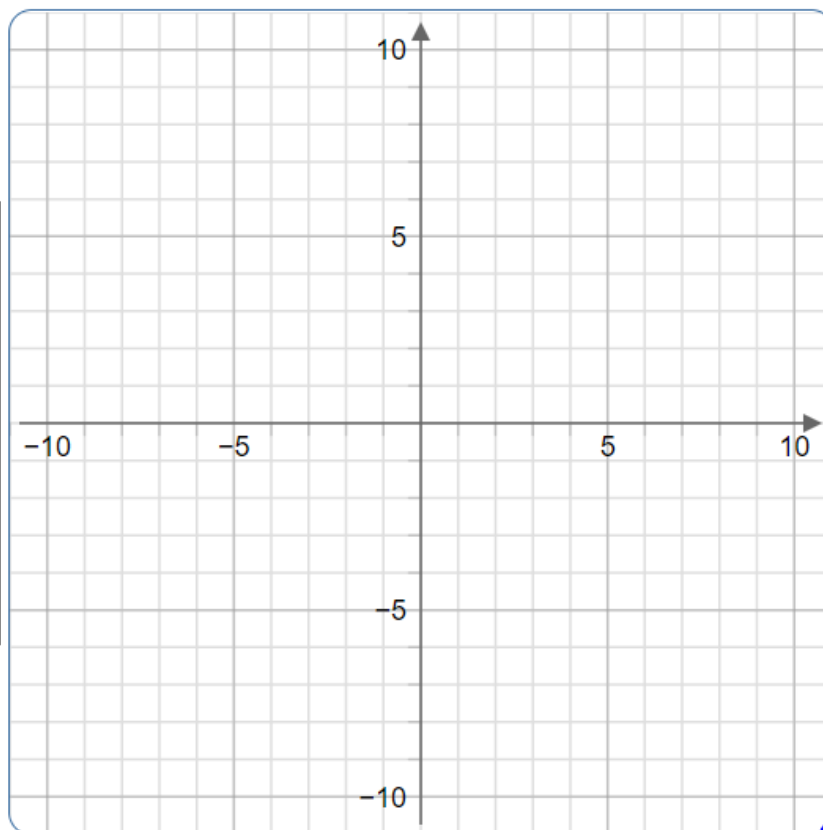
1. Substitute the values of x
2. Solve for y
3. Graph the (x,y) point on the coordinate plane.
4. Connect the points
5. Write the equation on the line.

x	$3x-3$	y
-2	$3(-2)-3$	
0	$3(0)-3$	
1	$3(1)-3$	
3	$3(3)-3$	

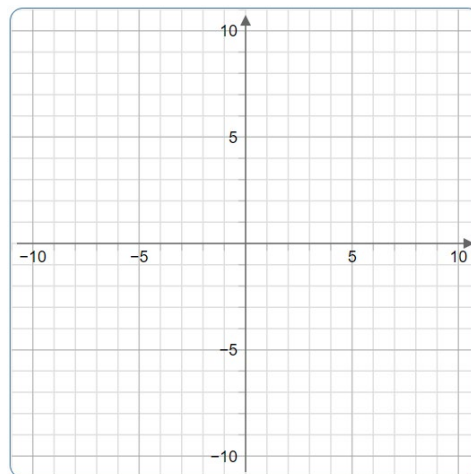
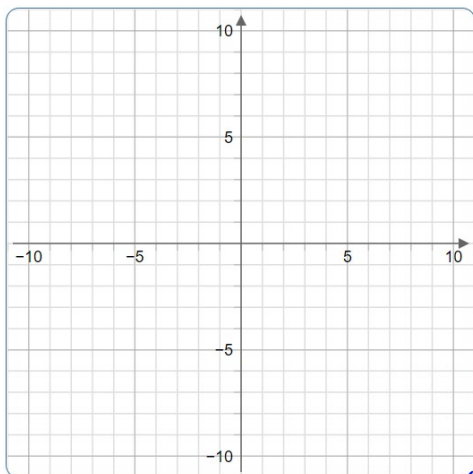


5. Graph the equation $y = 5x - 4$

x	$5x-4$	y
-1	$5(-1)-4$	
0	$5(0)-4$	
1	$5(1)-4$	
2	$5(2)-4$	



6.



Two coordinate planes are given to allow you to practice more than once.

II. Practice

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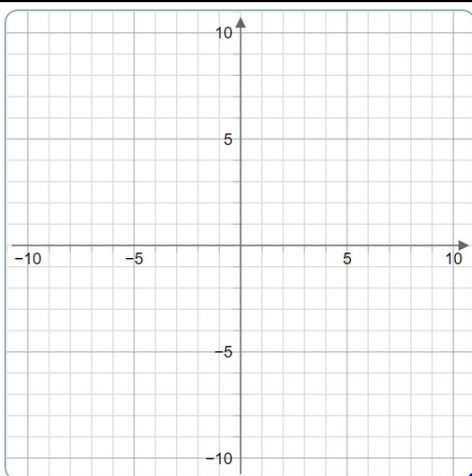
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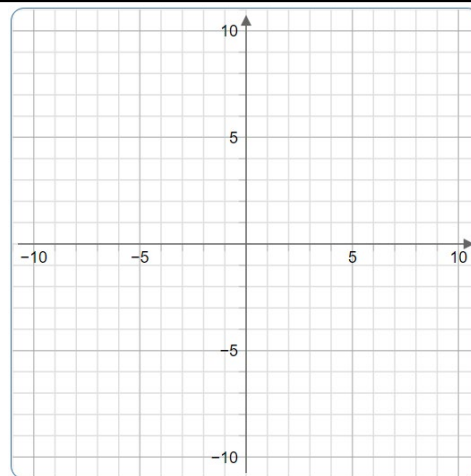
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