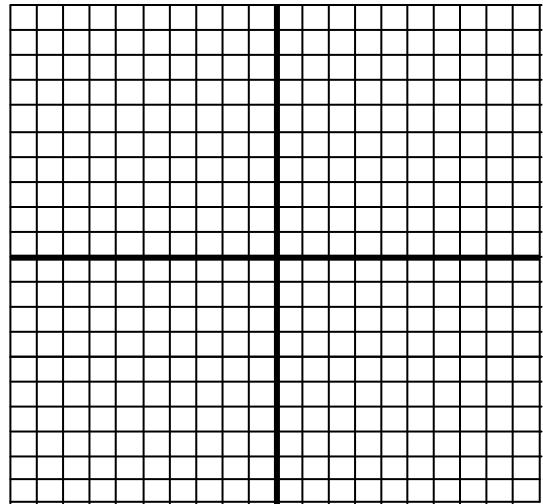**Coordinate Plane**
Label the following:
 ❖ Origin
 ❖ X-axis
 ❖ Y-axis
 ❖ 4 Quadrants

An ordered pair is made up of two coordinates (,   ).
The first coordinate tells you how far to go left or right.
The second coordinate tells you how far to go up or down.
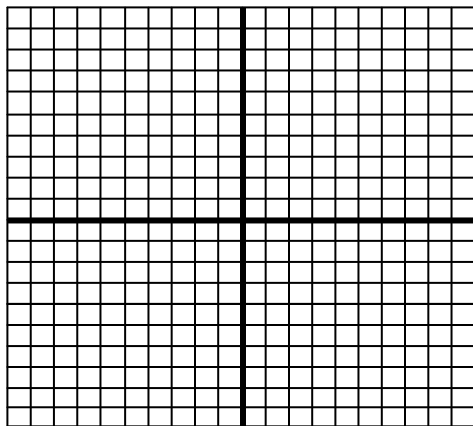
Graph the points and label the quadrant each point is in: (2, -3),   (0, -2),   (-4, 3),   (5, 0)

1. Determine if the given ordered pair is a solution. $y = 2x + 5$
   a. (1, 7)   b. (3, 10)   c. (0, -5)

If it is a solution then it will be on the graph of the line.

2. Using the given equation and the two ordered pairs, show that each ordered pair is a solution. Then use the graph of the two points to determine another solution.
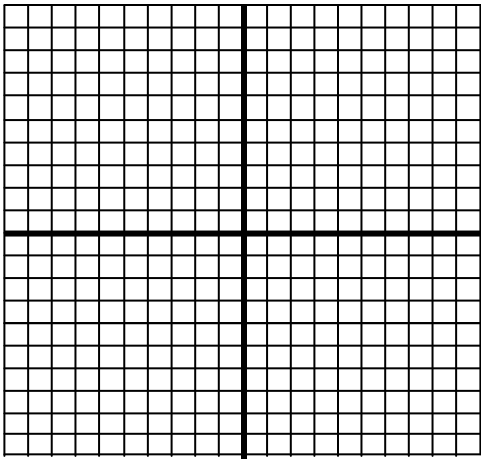
   $y = x + 3$ (-1, 2) and (3, 6)

3. Using the given equation and the two ordered pairs, show that each ordered pair is a solution. Then use the graph of the two points to determine another solution.
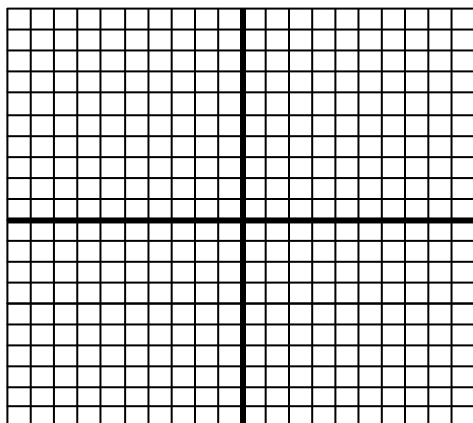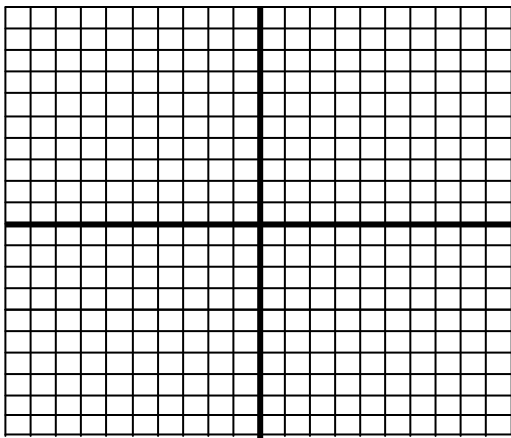
   $6x - 3y = 3$ (1, 1) and (-1, -3)

4. Graph the line y = 2x – 3

x	y	(x , y)

5. Graph the line   y = -½ x + 3

x	y	(x , y)