

Name _____

Date _____

Mrs. Roumbos

8R Period _____

Steps to Graphing Equations Using a Table

x		y	(x, y)

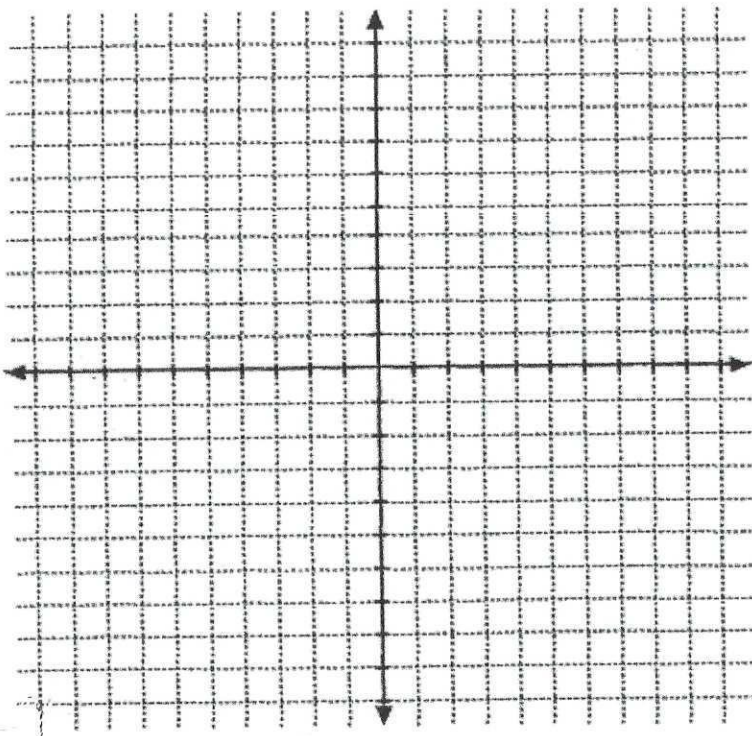
Step 1: Put values -3 to +3 for x in column 1.

Step 2: In column 2, replace the value of x with the x-value in column 1.

Step 3: Calculate the answer and put it in column 3 for the y-value.

Step 4: Write the values for x and y as coordinates in column 4.

To Graph Your Answer:



Step 1: Using the coordinates from column 4, plot each point on the graph.

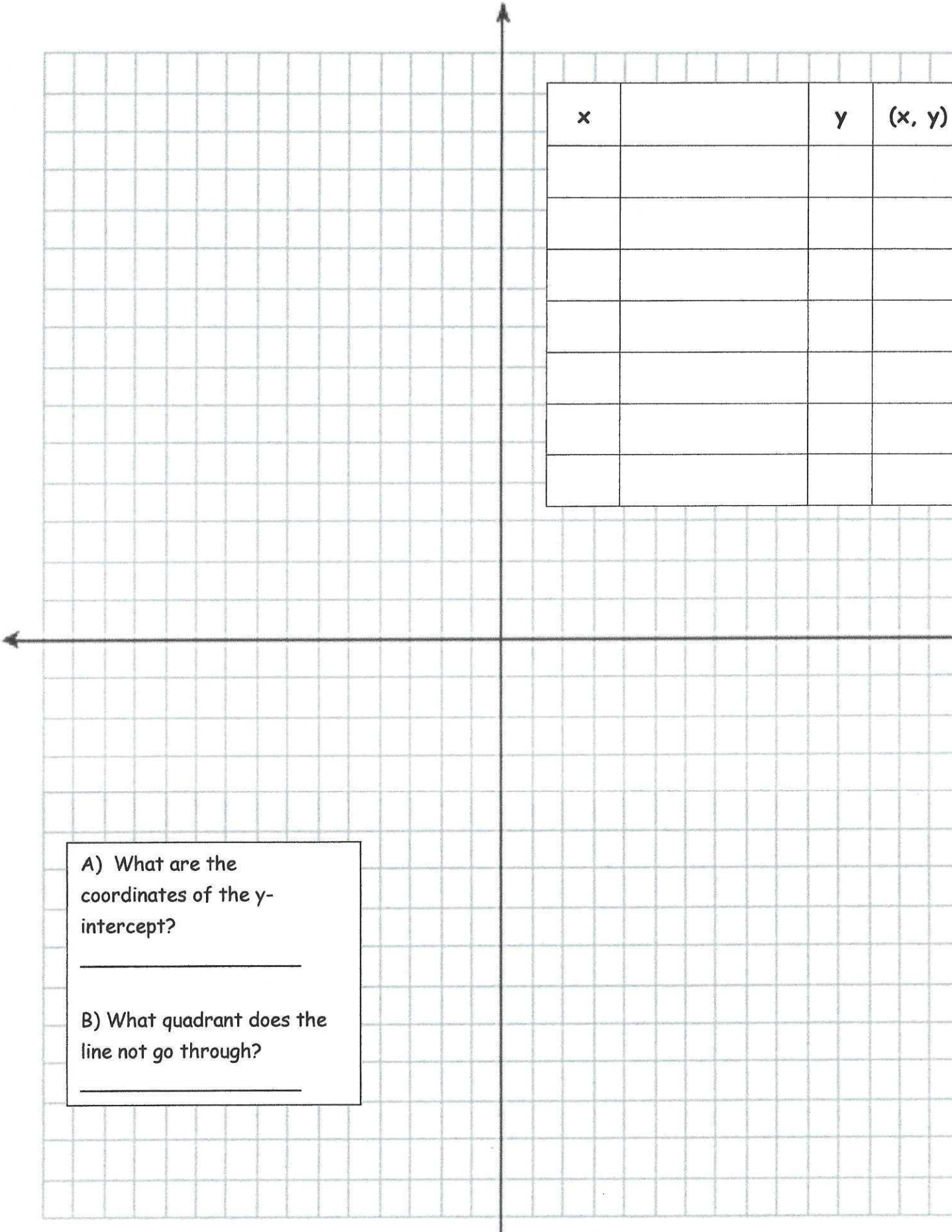
Step 2: Use a ruler to connect the points.

Step 3: Put arrows on the ends of the line.

Step 4: Write the equation from column 2 on the line.

A) What are the coordinates of the y-intercept?

B) What quadrant does the line not go through?



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More Practice Using Equations

1) Tell whether each ordered pair is a solution of the given equation.

$$y = -7x + 10$$

(-3, 31)	(7, 59)	(0, 10)

2) Use the equation, $y = 2x - 4$ to complete each solution.

a. (-3, _____)

b. (50, _____)

3) Complete the table and graph the linear equation below.

x	y = x + 4	y	(x, y)

