

Name _____

Date _____

Understand Signs of Numbers in Ordered Pairs - Step-by-Step Lesson

Lesson 1 Problem:

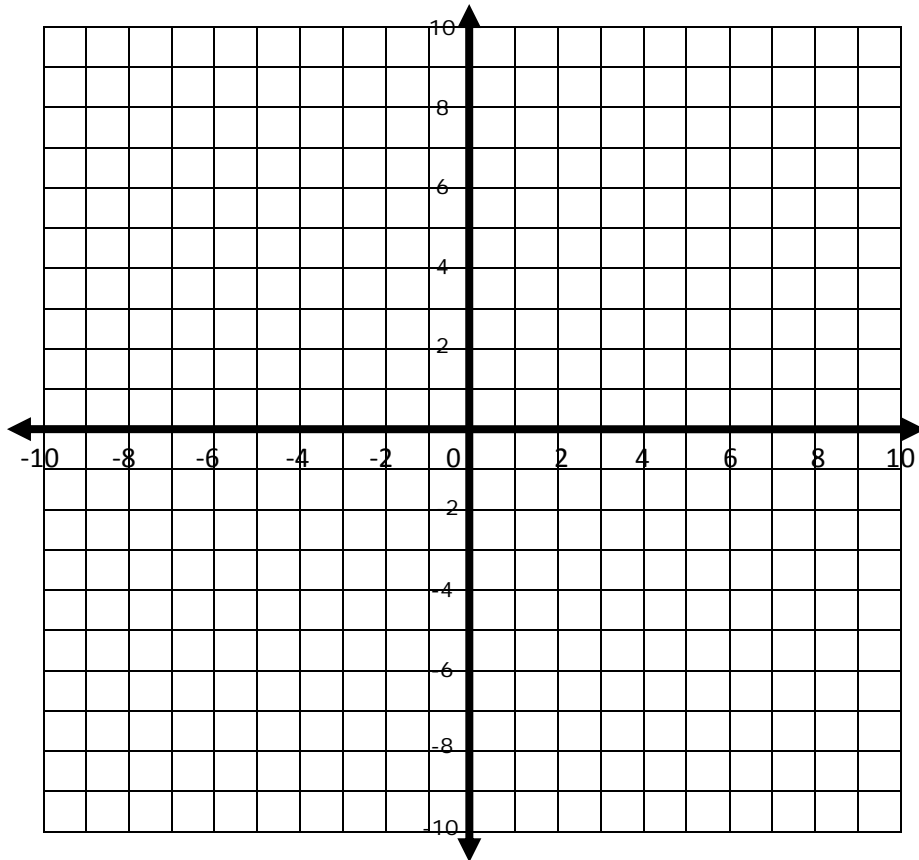
1) Plot the points on the coordinate plane. Label the points with the letters that are indicated for each.

a) $(-3, 5)$

b) $(2, 4)$

c) $(-8, -3)$

d) $(7, -4)$



2) What quadrant is point c located in?



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Explanation:

Step 1) First we look to see what is being asked of us.

"Plot the points on the coordinate plane."

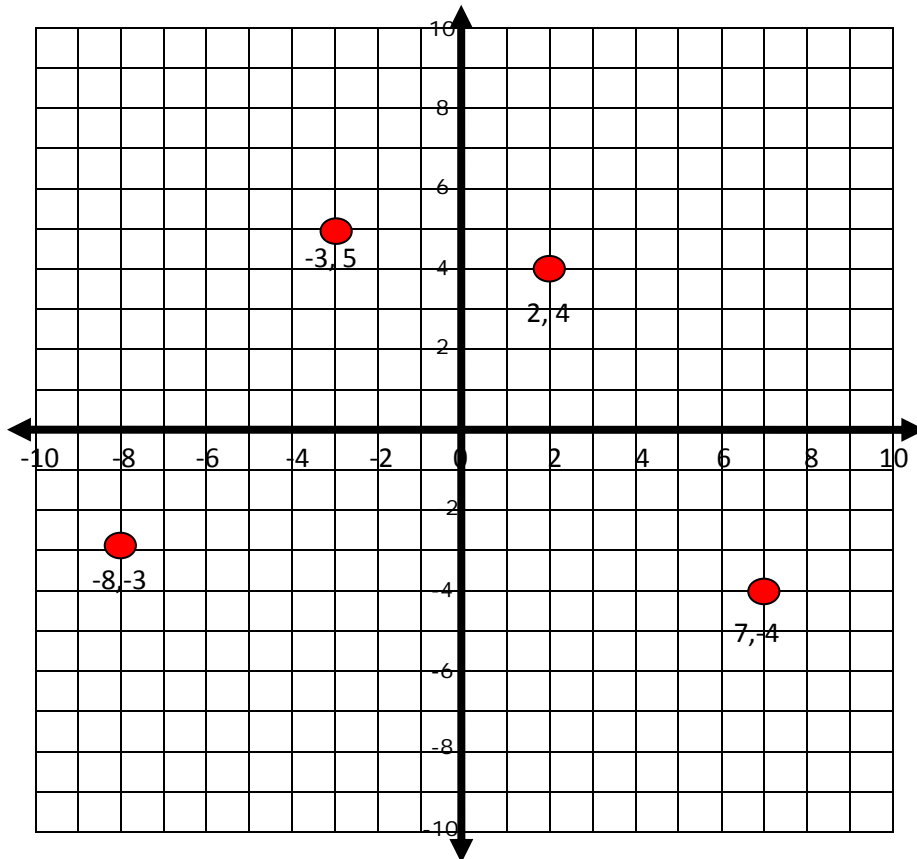
Step 2) Plot the points.

a) $(-3, 5)$

b) $(2, 4)$

c) $(-8, -3)$

d) $(7, -4)$



Step 2a) A positive number tells you to move right or up.
A negative number tells you to move left or down.

Step 2b) Quadrant III is to the left and down. Look for a point with a negative first coordinate and a negative second coordinate.

Answer is: Quadrant III

