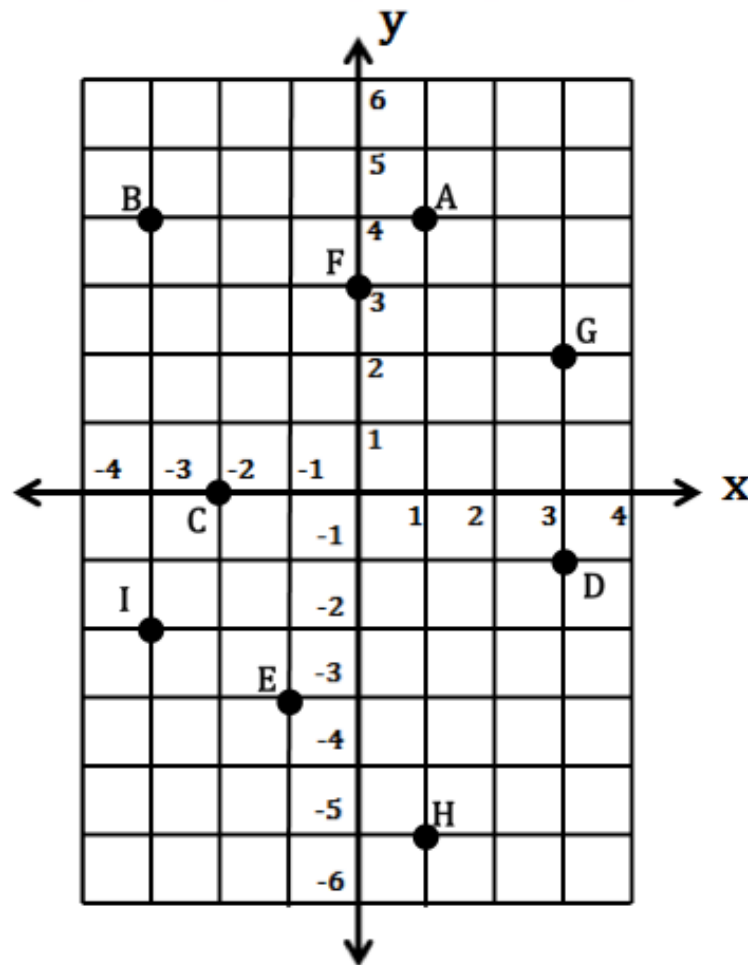


Do-Now

Write the ordered pair for each point plotted on the coordinate plane below. Then, name the quadrant or axis on which each point is located.

Example: A: (1, 4) quadrant I



1) A

2) B

3) C

4) D

5) E

6) F

7) G

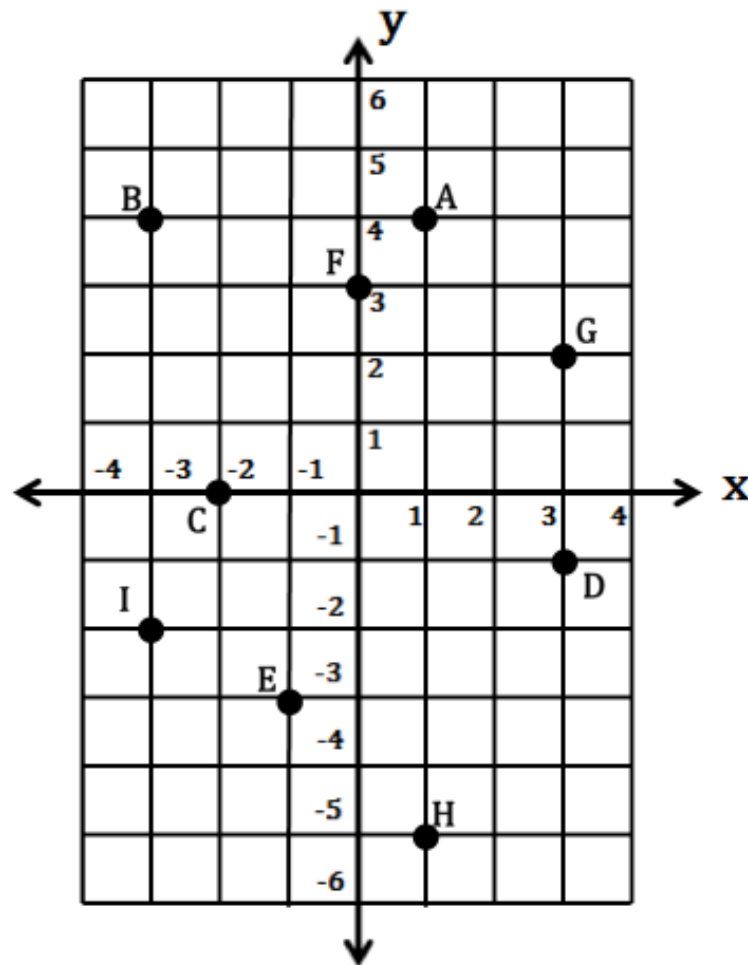
8) H

9) I

Do-Now

Determine whether each statement below is *always*, *sometimes*, or *never* true.

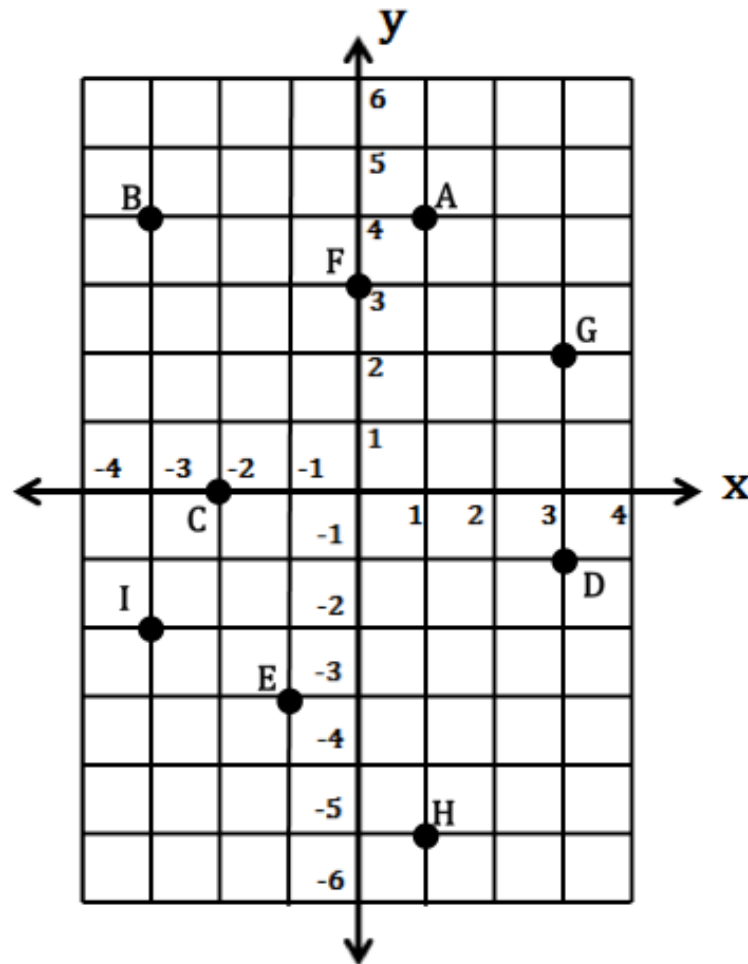
The y-coordinate of a point in quadrant II is negative.



Do-Now

Determine whether each statement below is *always*, *sometimes*, or *never* true.

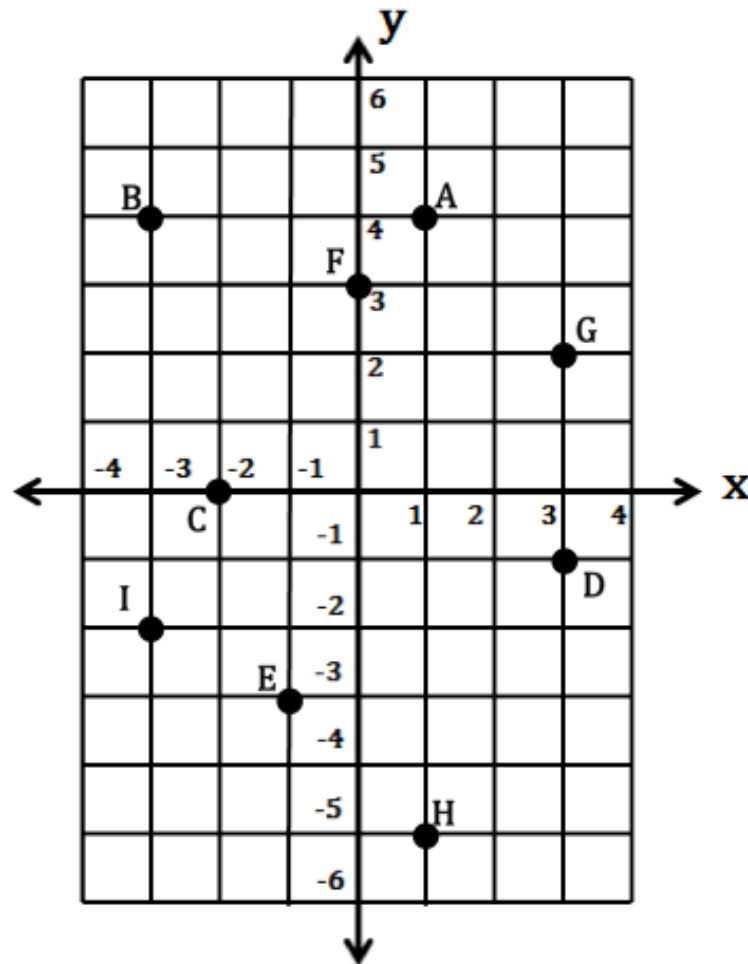
The x-coordinate of a point on the y-axis is zero.



Do-Now

Determine whether each statement below is *always*, *sometimes*, or *never* true.

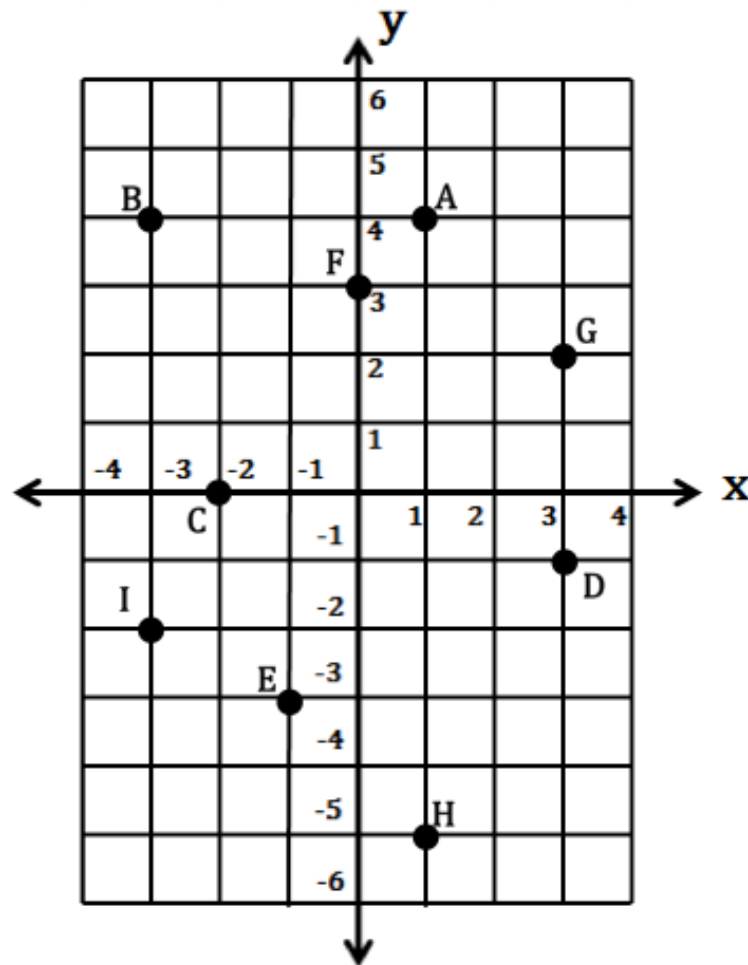
The y-coordinate of a point on the y-axis is negative.



Do-Now

Determine whether each statement below is *always*, *sometimes*, or *never* true.

The x-coordinate of a point in quadrant IV is positive.



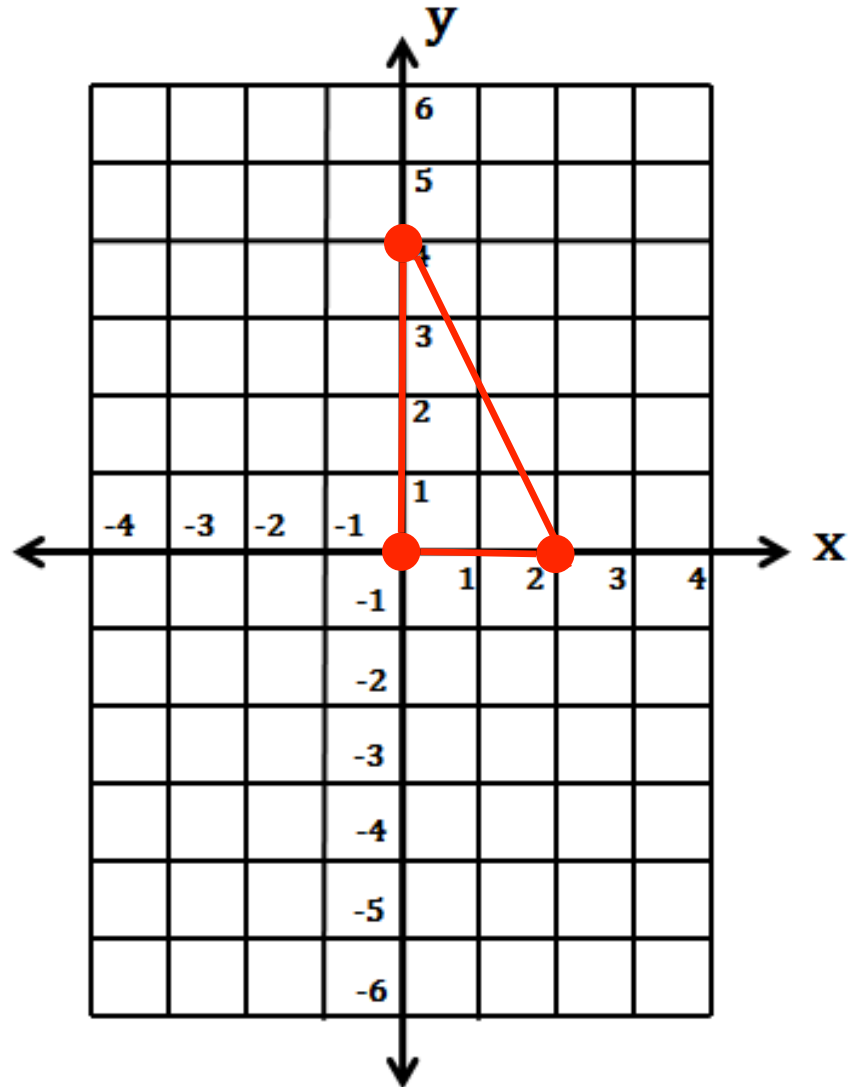
1) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(0,0)$; $(0,4)$; $(2,0)$

Point locations?

Most specific name?

Area?



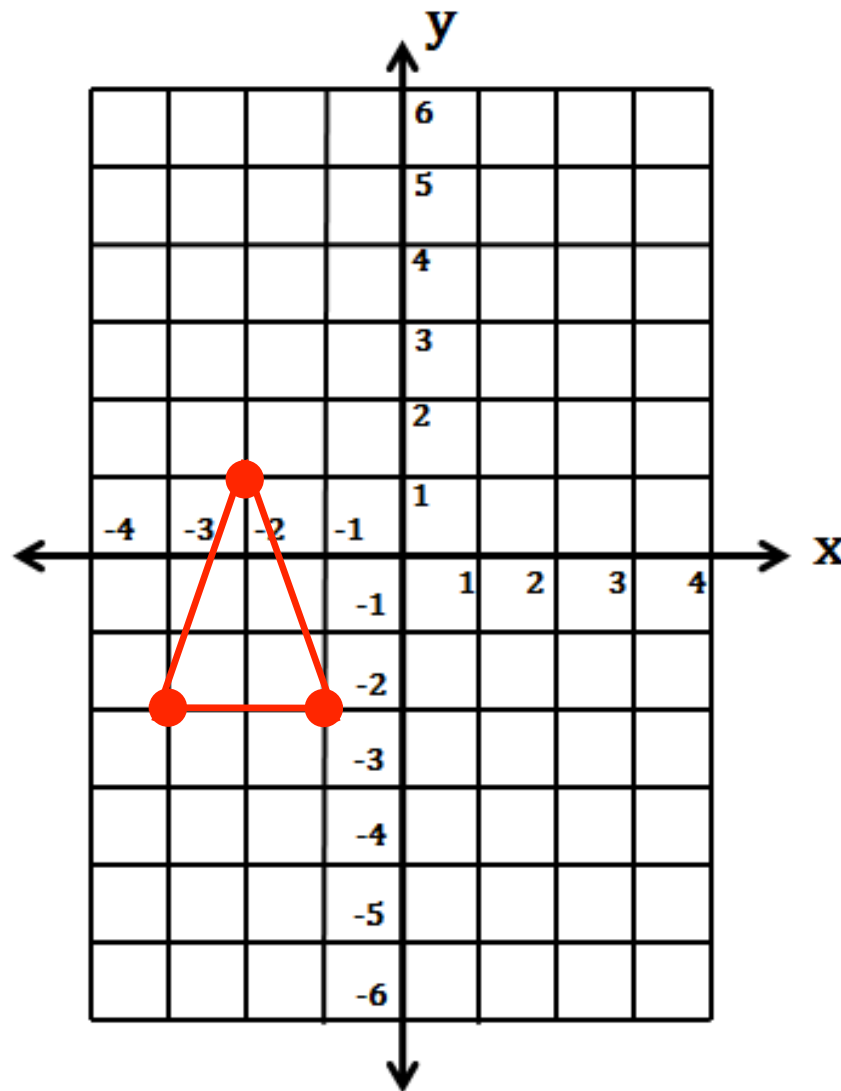
2) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(-3, -2)$; $(-2, 1)$; $(-1, -2)$

Point locations?

Most specific name?

Area?

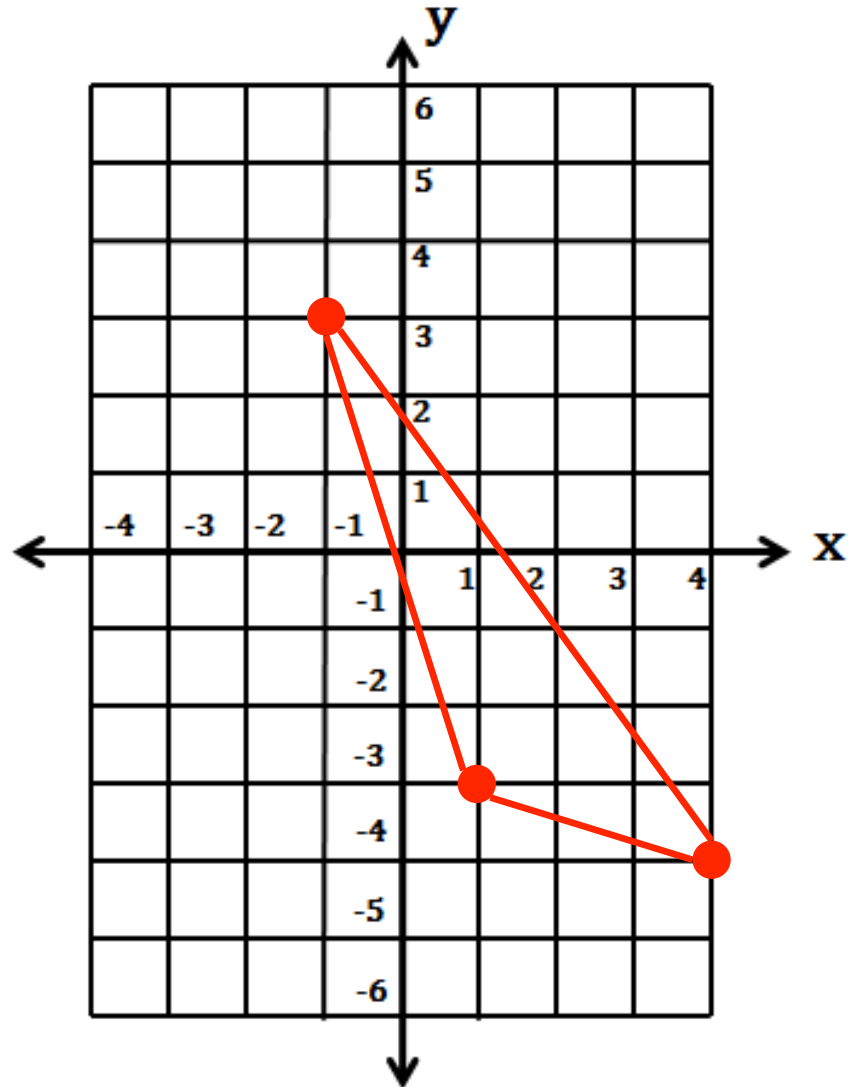


3) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(1, -3)$; $(-1, 3)$; $(4, -4)$

Most specific name?

This polygon has vertices in which quadrants?



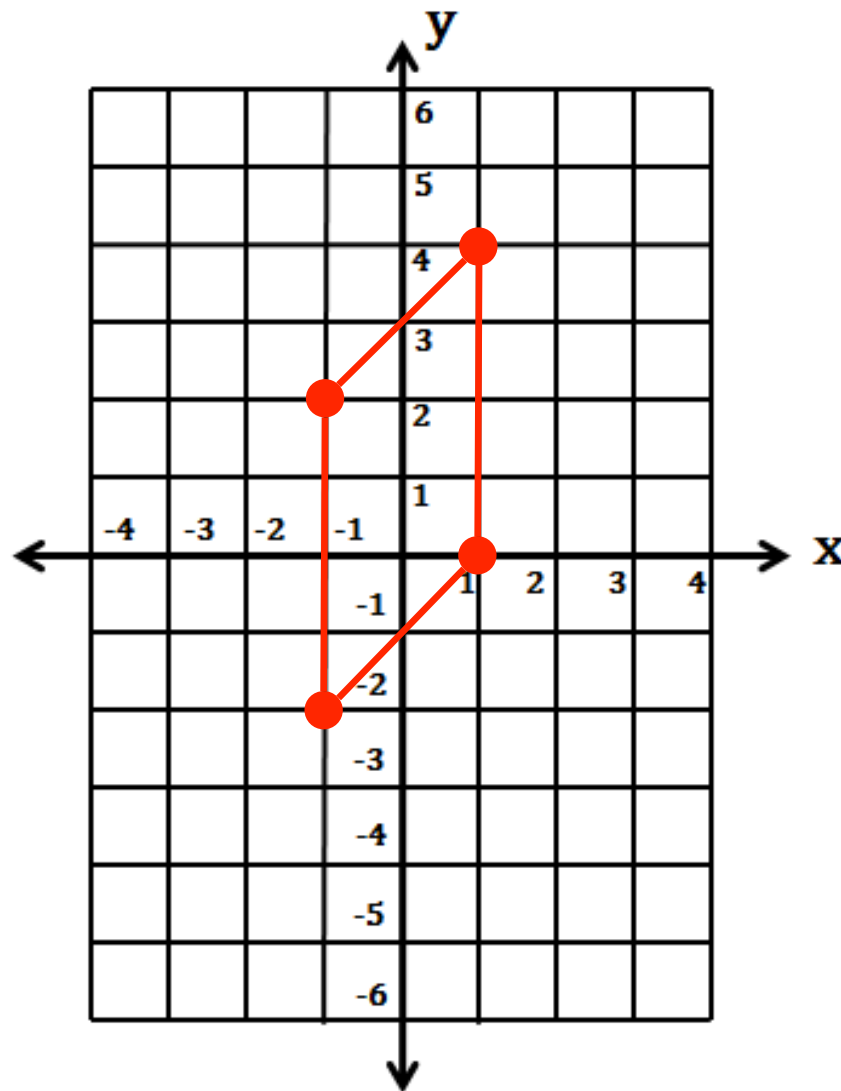
4) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(-1, -2)$; $(-1, 2)$; $(1, 4)$; $(1, 0)$

Most specific name?

Area?

Which quadrant does not contain one of the vertices of this polygon?

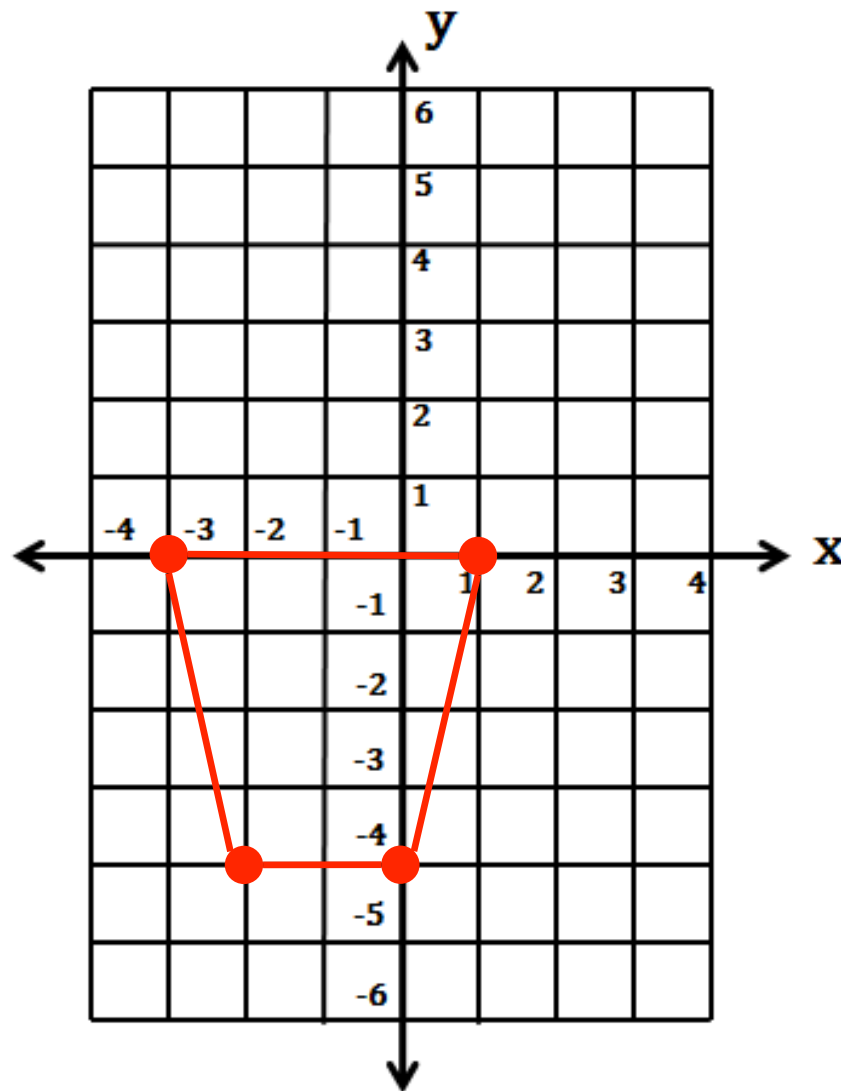


5) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(1, 0)$; $(0, -4)$; $(-2, -4)$; $(-3, 0)$

Most specific name?

Area?

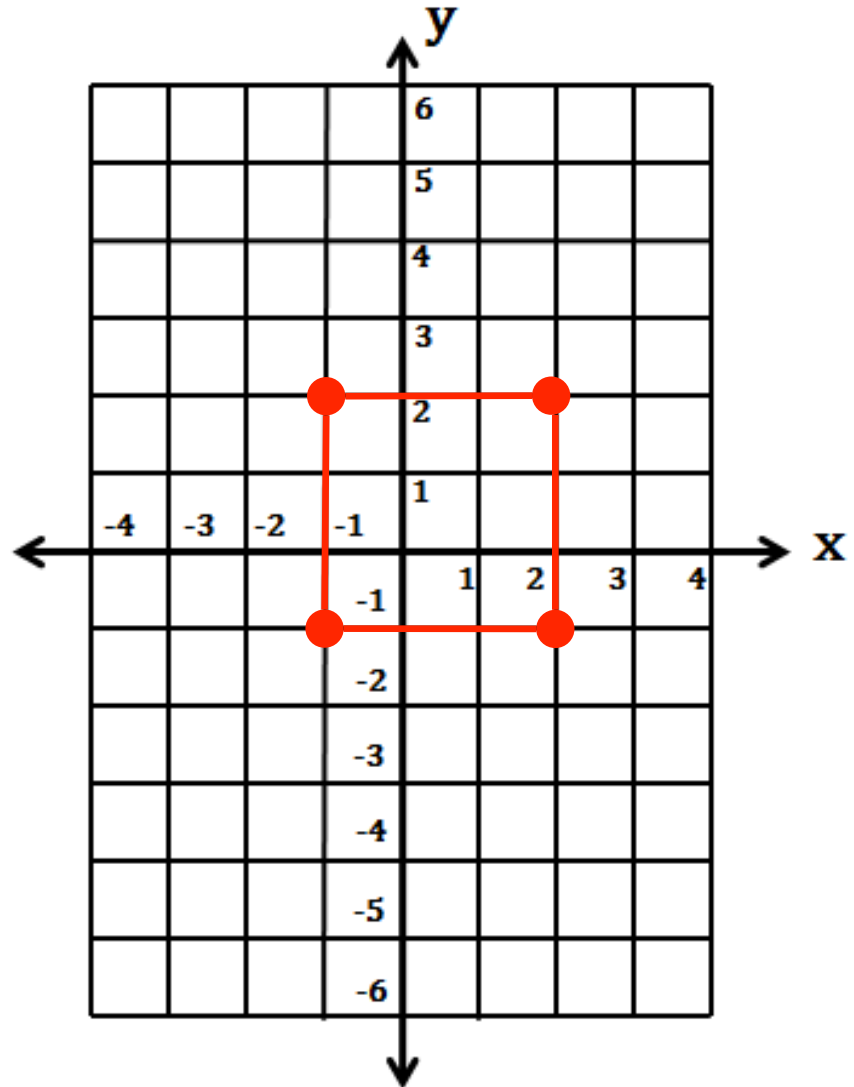


6) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(-1, -1)$; $(-1, 2)$; $(2, 2)$; $(2, -1)$

Most specific name?

Area?

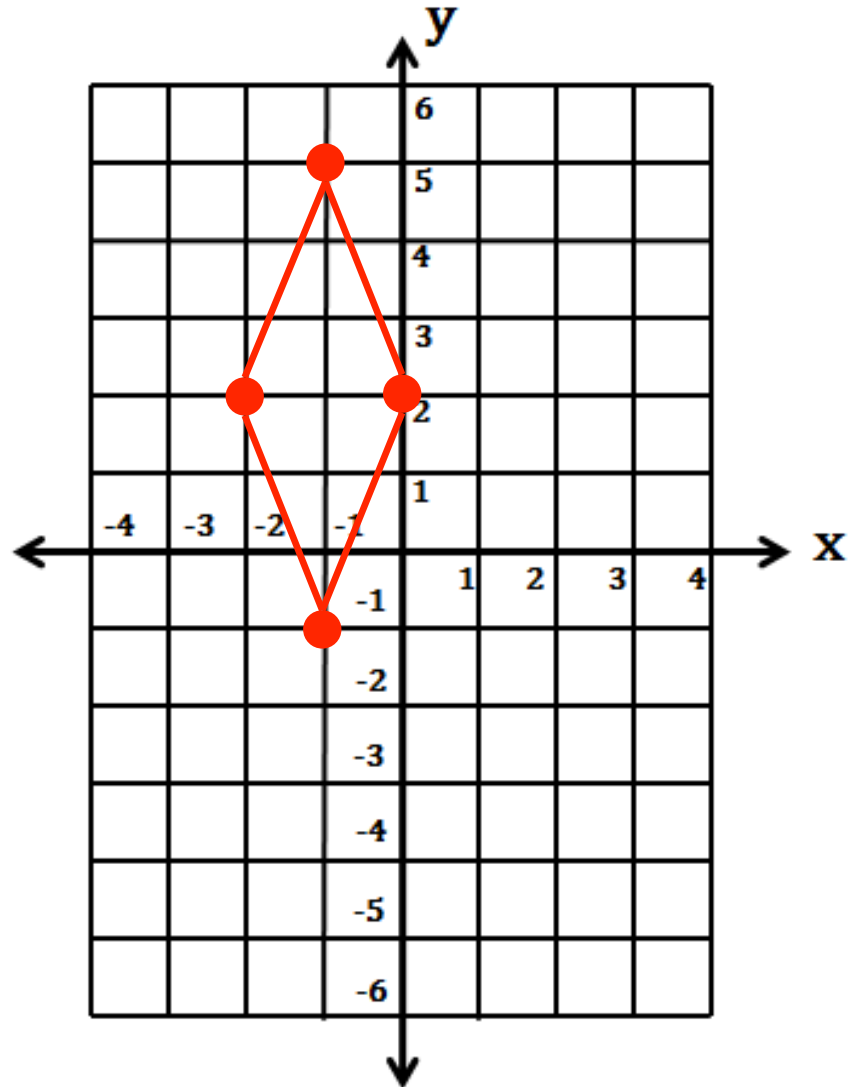


7) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(-1, 5)$; $(0, 2)$; $(-1, -1)$; $(-2, 2)$

Most specific name?

Area?



8) Plot these ordered pairs. As you plot these points, connect each new point to the previous point by drawing a line.

$(-1, 1)$; $(2, 5)$; $(-1, -3)$; $(-3, 3)$

Most specific
name?

