

## Coordinate Plane Review

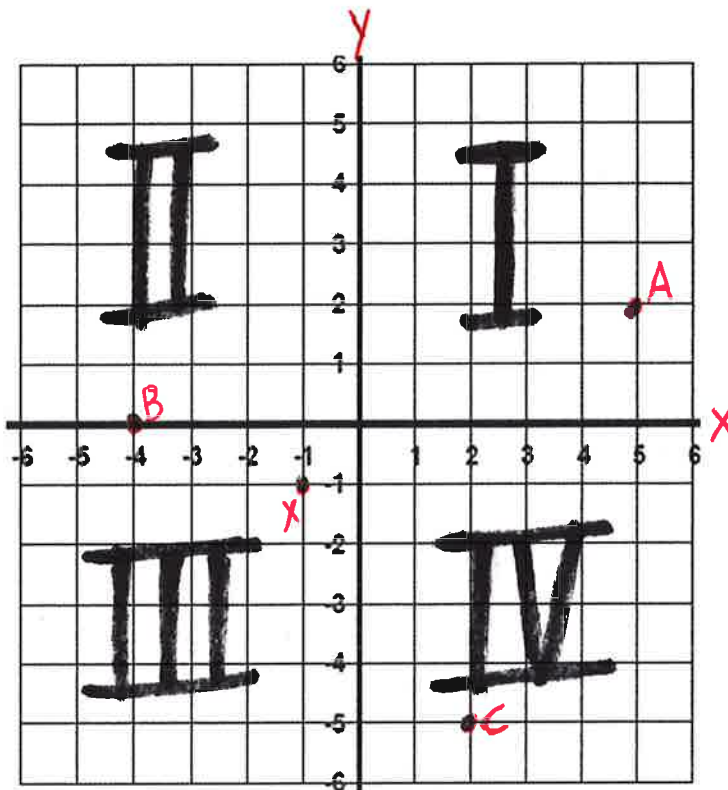
### Axis (Axes)

The two intersecting, perpendicular lines on a coordinate plane are called **axes** (plural form of the word).

The vertical axis (up and down) is the **y-axis**.

The horizontal axis (left to right) is the **x-axis**.

Label the x and y axes on the coordinate plane to the right.



### Quadrants

There are 4 quadrants in a coordinate plane.

We label the quadrants with Roman Numerals 1-4.

I      II      III      IV

Label the quadrants to the right.

### Points

Points on a coordinate plane are represented by 2 numbers:

First, the number of spaces **left or right (x)**

Next, the number of spaces **up or down (y)**

Written like this: **(x, y)**

Points are usually labeled with a single letter.

Use the coordinate plane above to write the coordinates for the following points.

A (5, 2)

C (2, -5)

X (-1, -1)

B (-4, 0)

Which quadrant do the following points lie?

(-5, -2) III

(1, 6) I

(-4, 4) II

(10, -4) IV