**Ordered Pairs/Coordinate Pairs/Coordinates**

**Two numbers written in a certain order usually written in parenthesis**

* used to show the position on a graph

*Plotting Points*

* when we plot a point, we always start at the origin (0,0)
  + If **x** is positive, move right
  + If **x** is negative, move left

Positive

Negative

(0,0)

y - axis

* 4 quadrants (I, II, III, IV)

**I**

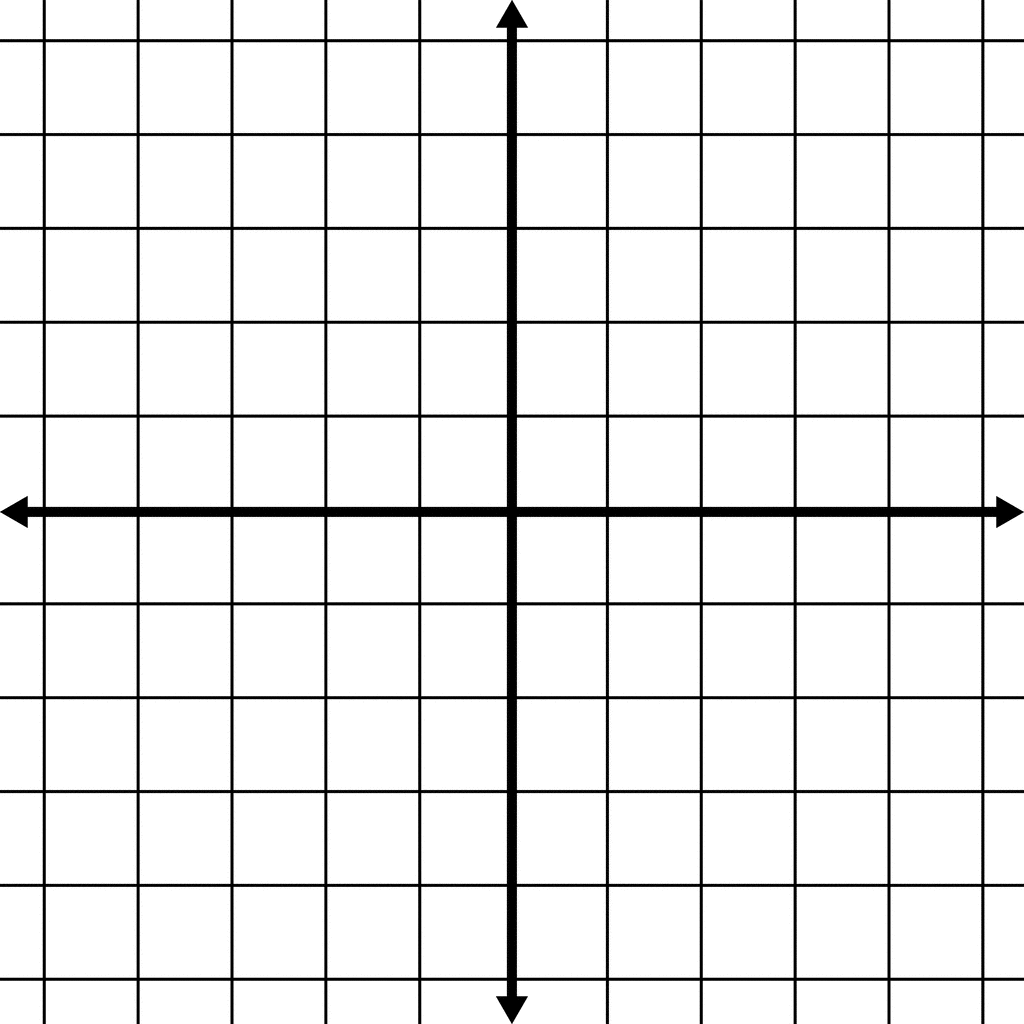
**IV**

* + If **y** is positive, move up
  + If **y** is negative, move down

**Coordinate Grid/Cartesian Plane**

* 4 quadrants (I, II, III, IV)
* x-axis runs horizontally through the origin (0,0)
* y-axis runs vertically through the origin (0,0)

y - axis



x - axis

(0,0)

**IV**

**III**

**II**

**I**