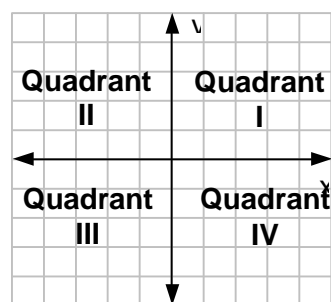


Section 1.1 Connections from Algebra: The Coordinate Plane

This is just a quick review of the coordinate plane which you first learned about in Algebra. The coordinate plane is broken up into four quadrants separated by the vertical y axis and the horizontal x-axis. The quadrants are numbered in a counter clockwise direction. Points that lie on the axes are not in any quadrant.

When graphing an ordered pair, remember that x is the first point and y is the second point in the ordered pair. Also remember that all of your graphs should have the axes labeled and a scale showing how you are counting on the x and y axes.



Example: Plot $(3,2)$, $(4,-1)$, $(-3,5)$ and $(-2,-2)$ on a coordinate plane.

- $(3,2)$ Quadrant I
- $(4,-1)$ Quadrant IV
- $(-3,5)$ Quadrant II
- $(-2,-2)$ Quadrant III

