Rectangular Coordinate System

Rectangular Coordinate System or Cartesian Plane: constructed by drawing two perpendicular lines wherein the point of intersection is called the *origin*

Coordinate axes: the two perpendicular lines

X-Axis: the horizontal line

Y-Axis: the vertical line

Quadrants: the four regions that divide the plane

Coordinates: the ordered pair of real numbers that corresponds to each point in the plane

X-Coordinate or Abscissa: the first number of the ordered pair

Y-Coordinate or Ordinate: the second number of the ordered pair