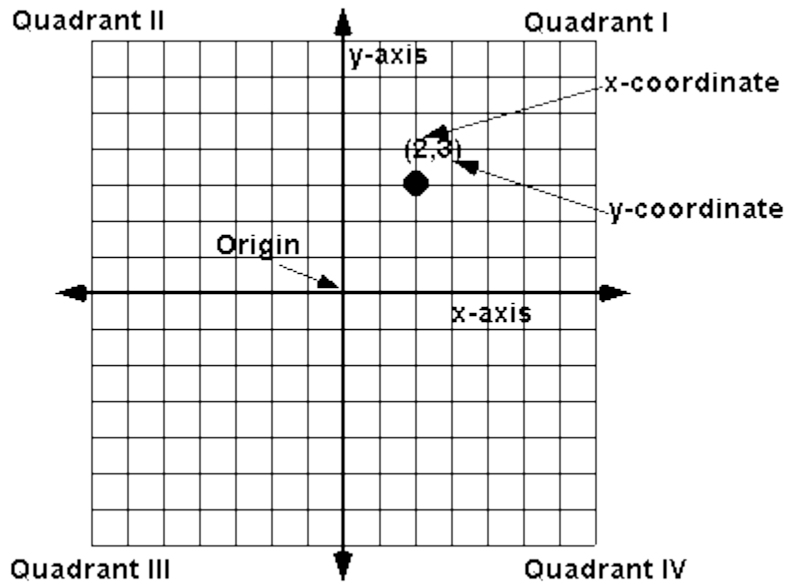


## Notes Coordinate Plane

- Coordinate Plane - The plane determined by two perpendicular axes.

### Coordinate (Cartesian) Plane



- **Coordinates** - Each point in the [coordinate plane](#) corresponds to an [ordered pair](#) of numbers called its coordinates.
- **X-Coordinate** - The first coordinate in an [ordered pair](#). This represents the independent variable.
- **Y-Coordinate** - The second coordinate in an [ordered pair](#). This represents the dependent variable.
- **Ordered Pair** - A [set](#) of two numbers, with the [x-coordinate](#) (independent variable) listed first, and the [y-coordinate](#) (dependent variable) listed second.
- **Quadrants** - The [x-axis](#) and [y-axis](#) separate the plane into four regions called quadrants. They are numbered with Roman numerals, beginning in the upper right quadrant and proceeding in a counter-clockwise rotation.