Coordinate Plane / Slope

The Coordinate Plane

A <u>coordinate plane</u> is formed by two number lines that intersect at the <u>origin</u>.

The horizontal number line is the <u>x-axis</u>, and the vertical number line is the <u>y-axis</u>.

Each point in a coordinate plane corresponds to an <u>ordered</u> <u>pair</u> of real numbers.

The ordered pair for the origin is (0, 0).

Example 1: Use the graph to name the coordinates of the given point.









