

Plotting Coordinate Points

In this video, we will practice plotting points on a coordinate plane in Quadrant I. Let's get started.

Plot the points below on the coordinate plane.

Point A is ordered pair (4,1).

Point B is ordered pair (8,0).

Point C is ordered pair (6,3).

To start, let's label our x-axis and y-axis. The scale on both of our axes is 1.

The coordinates of Point A are (4,1). We start at the origin. We move 4 units to the right along the x-axis: 1, 2, 3, 4. Then we move up 1 on the y. We make a point and label it point A.

The coordinates of Point B are (8,0). We start at the origin. We move 8 units to the right on the x axis: 1, 2, 3, 4, 5, 6, 7, 8. With the y coordinate being 0, we do not need to go up on the y-axis. Point B falls at $y = 0$, which is on the x-axis. We make a point and label it point B.

The coordinates of C are (6,3). We start at the origin. We go 6 units to the right : 1, 2, 3, 4, 5, 6. We go up 3 units: 1, 2, 3. We make a point and label it C.
