Graphing Points on the Coordinate Plane

Label	Point	x-coordinate	y-coordinate	Quadrant
A	(-3, 4)			
B	(-2, -3)			
C	(1, -2)			
D	(5, 5)			
E	(0, 0)			
F	(-1, 5)			

Instructions

Individual Work

1. For each point, determine the x-coordinate and enter it into the x-coordinate column.
2. For each point, determine the y-coordinate and enter it into the y-coordinate column.

Pair Work

1. For each point, discuss which quadrant you think it resides in and enter it into the Quadrants column.
2. Construct a coordinate plane on your graph paper. Draw and label the axes and quadrants.
3. Graph each point following the steps in the "Graph a Point" section below.
4. Determine which quadrant each point is in and make corrections in the Quadrants column.

Grapht a Point

You can follow the steps below to graph any point when you know its coordinates:

1. Start at the origin.
2. Move x units horizontally along the x-axis.
3. From your new location along the x-axis, move y units vertically along the y-axis.
4. Draw the point and label it to tell it apart from other points. Points are usually labeled with a capital letter.