

Name:

Date:

Class:

Mbot Warmup Activity **Answer Key**

Mbot Warmup Activity

Purpose: Determine prior knowledge of ordered pairs and quadrants.

1. Plot the point $(-3, 4)$. What quadrant is it in?

Quadrant II

2. What does the x-coordinate tell you?

The x coordinate tells you where to go on the x axis. If the integer is negative, then you go left, and if it is positive, then you go right.

3. If a point is on the y-axis, what is its x-value?

A point on the y-axis always has an x-value of 0, because it is not to the left or to the right of the y-axis.

Teacher Note: Use student responses to identify misconceptions (e.g., reversing x and y).