Name _____ Class _____ Date _____

Reteaching 4-1

Graphing on the Coordinate Plane

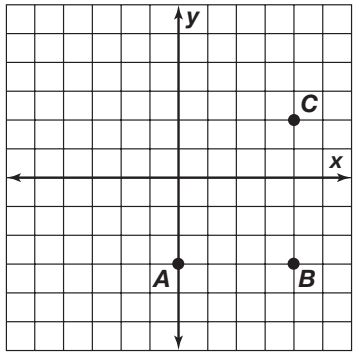
OBJECTIVE: Understanding points and the coordinate plane

MATERIALS: None

An ordered pair of numbers identifies the location of a point on the coordinate plane. Practice identifying and plotting points by answering the questions below.

Example

1. Name the coordinates of the points *A*, *B*, and *C* on the graph shown.



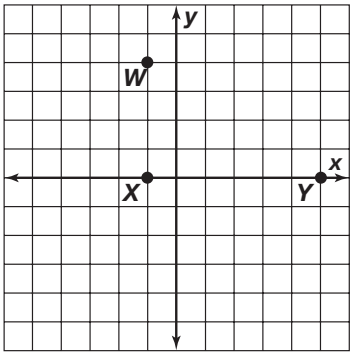
2. In which quadrant or on which axis is each point located?
   A: *y*-axis, *B*: Quadrant IV, *C*: Quadrant I

3. Consider plotting a point *D* so that *A*, *B*, *C*, and *D* form the vertices of a rectangle. Name the coordinates of point *D*.

4. In which quadrant or on which axis is point *D* located?

Exercises

1. Name the coordinates of the points *W*, *X*, and *Y* on the graph shown.



2. In which quadrant or on which axis is each point located?

3. Consider plotting a point *Z* so that *W*, *X*, *Y*, and *Z* form the vertices of a rectangle. Name the coordinates of Plot point *Z*.

4. In which quadrant or on which axis is point *Z* located?

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