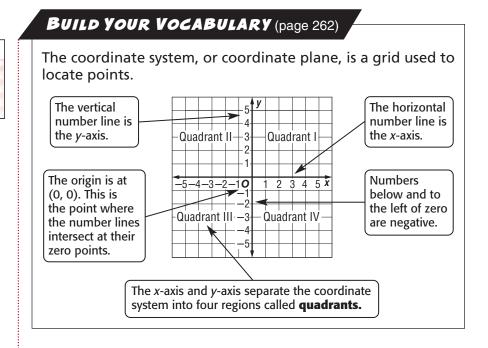
## MAIN IDEA

 Locate and graph ordered pairs on a coordinate plane.

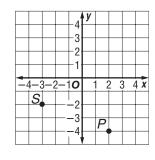


## **EXAMPLES** Identify Ordered Pairs

Identify the ordered pair that names each point. Then identify its quadrant.

🚺 point P

Step 1 Start at the Move on the *x*-axis to find the x-coordinate of point P, which is



**Step 2** Move down the *y*-axis to find the *y*-coordinate,

which is

Point *P* is named by

Point P is in the quadrant.  $oldsymbol{0}$  point S

**Step 1** Start at the origin. Move left on the *x*-axis

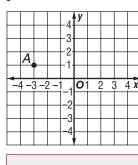
so find the $x$ -coordinate of point $S$ , which is	s

**Step 2** Move down the *y*-axis to find the *y*-coordinate,

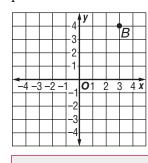
Point 
$$S$$
 is in the quadrant.

Check Your Progress
Write the ordered pair that names each point. Then identify its quadrant.

**a.** point A



**b.** point B

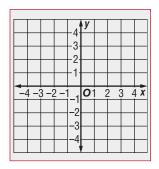


**EXAMPLE** Graph Ordered Pairs

Start at the  $\$ . The x-coordinate is  $\$ . So, move 4 units to the  $\$ . Next, since the y-coordinate is 3,

Graph





HOMEWORK ASSIGNMENT

Page(s): Exercises: Check Your Progress point C at (2, -4).

