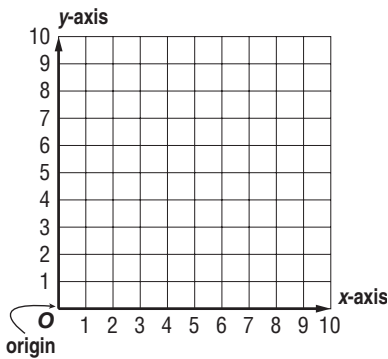# Lesson 7 Problem-Solving Practice

Graph on the Coordinate Plane

MONEY For Exercises 1–4, use the table and the coordinate plane.

School buttons sell for $2 each. When you have completed the table and the graph, both the table and graph will show the costs of purchasing up to 5 school buttons.

Number of Buttons Sold	Price($)
1	
2	
3	
4	
5	

1. Complete the second column of the table by writing the cost of each number of buttons.	**2.** Make a list of ordered pairs from the table.
3. Graph the ordered pairs. Label each point with its ordered pair. Describe the graph of the points.	**4.** Describe the coordinate plane that you have completed. How is it different from other systems you have used?
5. TRACK If it takes Trixie 8 minutes to run a mile, then $8m$ represents her total time where m is the number of miles she has run. List the ordered pairs (number of miles, total time) for 0, 1, 2, and 3 miles.	**6. TRACK** If you were to graph the ordered pairs from Exercise 5, what would their graph look like?