Name	Date	Class

## **LESSON** Reading Strategies

## **1-8** Understand Vocabulary

A diagram can help you connect transformation vocabulary to corresponding graphs. When you perform a transformation on a graph, the figure is moved according to the type of transformation.



**1.** What happens to the shape and the position of a figure during a translation or a reflection?

## Use the graph for Exercises 2–5.

- **2.** How will the coordinates change if the function is translated 3 units right?
- **3.** How will the coordinates change if the function is translated 5 units down?
- **4.** How will the coordinates change if the function is reflected across the *x*-axis?



5. How will the coordinates change if the function is translated 4 units left and 2 units up?

