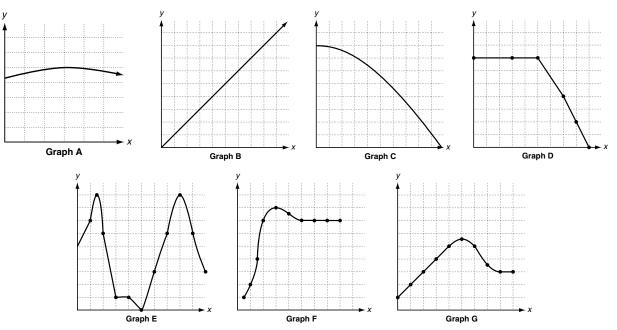
## **Practice A** LESSON Multiple Representations of Functions

## Match each situation to its corresponding graph.



- 1. A bowling ball rolls down the alley and drops into a trough behind the pins. Which graph shows a horizontal line that suddenly drops?
- 2. As a flower vase is filled with water, the level of the water rises.
- 3. A football is kicked and then caught by a person who runs down the football field with it.
- 4. The sales of wide-screen televisions increase rapidly, peak, and then level off.
- 5. Ice cream sales were steady all day at the music festival.
- 6. A restaurant opens late in the morning, experiences a lunchtime rush, and then empties right before the dinner rush.
- 7. The noise level of traffic decreases after the evening rush hour.

## Solve.

8. A train begins a trip of 240 miles. The train averages 40 miles per hour including stops. Create a table, a graph, and an equation to represent the distance the train travels in relation to time.

Time (h)		
Distance (mi)		

