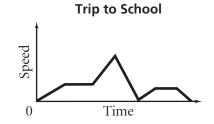
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Practice 5-1

The graph shows the speed a student traveled on the way to school.

- **1.** What do the flat parts of the graph represent?
- 2. Circle the sections of the graph that show the speed decreasing.



Relating Graphs to Events

The graph shows the relationship between time and distance from home.

- **3.** What do the flat parts of the graph represent?
- **4.** What do the sections from 3 P.M. to 4 P.M. and from 5 P.M. to 6 P.M. represent?
- 5. What does the section from 12 P.M. to 1 P.M. represent?

Sketch a graph to describe the following. Explain the activity in each section of the graph.

- 6. your elevation above sea level as you hike in the mountains
- 7. your speed as you travel from home to school
- **8.** the height of an airplane above the ground flying from Dallas, Texas to Atlanta, Georgia
- **9.** the speed of a person driving to the store and having to stop at two stoplights

The graph shows the relationship between time and speed for an airplane.

- **10.** Circle the sections of the graph that show the speed increasing.
- **11.** Circle the section of the graph that shows the plane not moving.
- **12.** Circle the section of the graph that shows the plane moving at a constant speed.

