

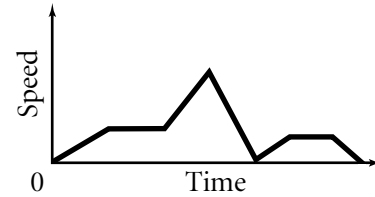
Practice 5-1

Relating Graphs to Events

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.

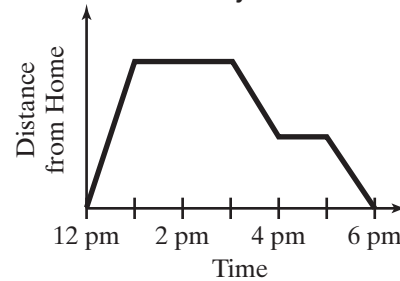
Trip to School



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?

Your Bicycle Ride



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.

Speed vs. Time

