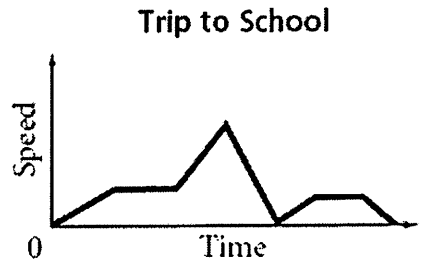
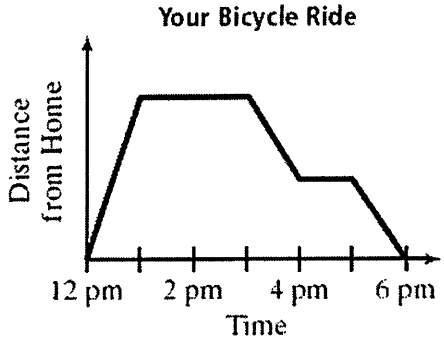
Practice 5-1 Name _____

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.

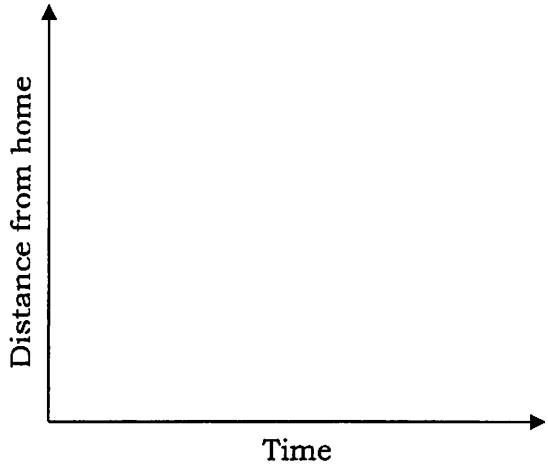
The graph shows the relationship between time and distance from home.



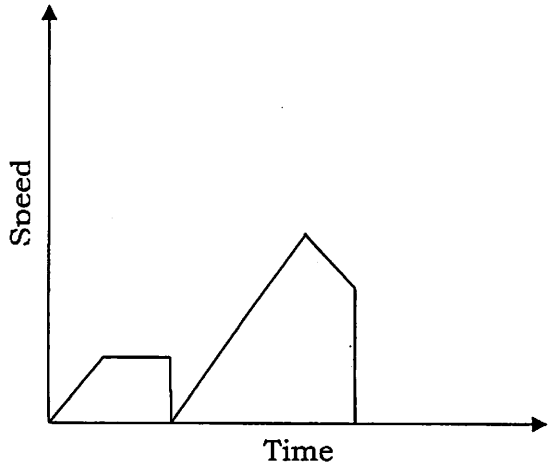
3. What do the flat parts of the graph represent?
4. What do the sections from 3 P.M. to 4 P.M. and from 5 P.M. to 6 P.M. represent?
5. What does the section from 12 P.M. to 1 P.M. represent?

6. Sketch a graph of the following scenario.

A) Jim rode the bus to school.
B) Jim stayed at school all day.
C) Jim walked halfway home to a friend's house.
D) Jim stayed at his friend's house for an hour .
E) Jim's dad picked him up and drove Jim home.

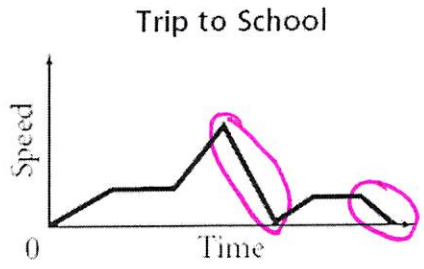


7. Write a description of Sara's speed as she rides her bike to school



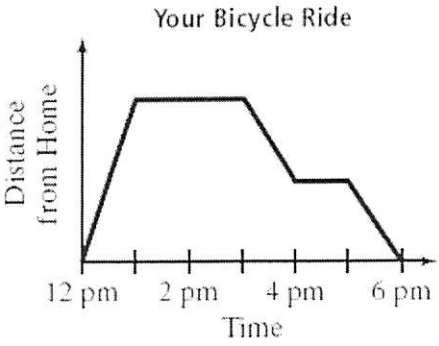
Practice 5-1 Name Key

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



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

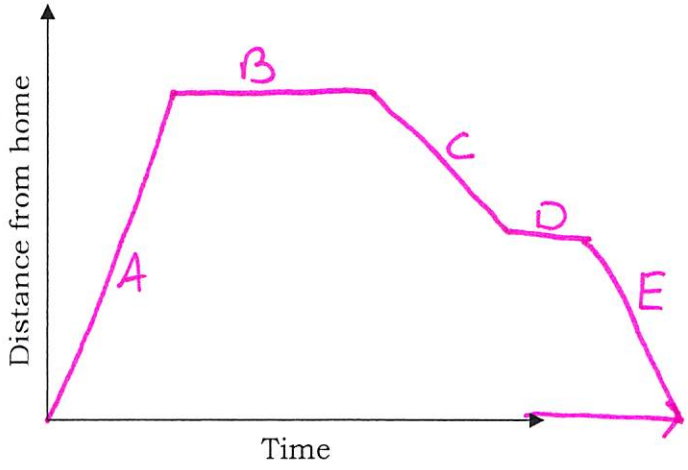
The graph shows the relationship between time and distance from home.



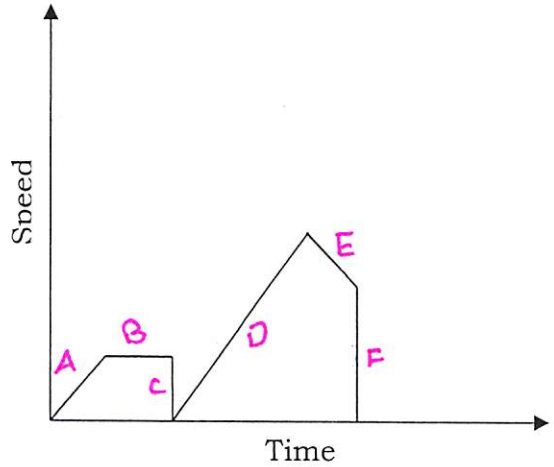
3. What do the flat parts of the graph represent? Stopped
4. What do the sections from 3 P.M. to 4 P.M. and from 5 P.M. to 6 P.M. represent? Moving Back Toward Home
5. What does the section from 12 P.M. to 1 P.M. represent? Moving Away From Home

6. Sketch a graph of the following scenario.

A) Jim rode the bus to school.
B) Jim stayed at school all day.
C) Jim walked halfway home to a friend's house.
D) Jim stayed at his friend's house for an hour .
E) Jim's dad picked him up and drove Jim home.



7. Write a description of Sara's speed as she rides her bike to school



A) Sarah Accelerates her bike
B) Sarah rides at a constant speed
C) Sarah stops
D) Sarah Accelerates to a faster speed than before
E) Sarah Slows down
F) Sarey Stops