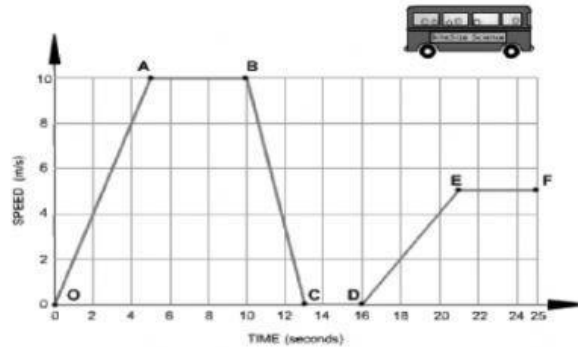


Name: _____
Date: _____

A. The graph below shows that the speed of a bus changes during part of a journey. Choose the correct words from the following list to describe the motion during each segment of the journey to fill in the blanks.

- Accelerating
- Decelerating
- Constant speed
- At rest



Segment O-A. The bus is _____. Its speed changes from 0 to 10 m/s in 5 seconds.

Segment A-B. The bus is moving at a _____ of 10 m/s for 5 seconds.

Segment B-C. The bus is _____. It is slowing down from 10 m/s to rest in 3 seconds.

Segment C-D. The bus is _____. It has stopped.

Segment D-E. The bus is _____. It is gradually increasing in speed.

B. Choose the correct diagram/drawing that best describes the illustration given.

1.  _____
A ball rolling fast in steady speed.

2.  _____
A car speeding up and then slowing down.

3.  _____
A bus travelling slowly in constant speed.

