

Circle the correct answer

Which of the following do you calculate when you divide the total distance traveled by the total travel time?

- A) average speed
- B) constant speed
- C) variable speed
- D) instantaneous speed

Which of the following is not used in calculating acceleration?

- A) initial velocity
- B) average speed
- C) time interval
- D) final velocity

In which of the following conditions does the car not accelerate?

- A) A car moves at 80 km/h on a flat, straight highway.
- B) The car slows from 80 km/h to 35 km/h.
- C) The car turns a corner.
- D) The car speeds up from 35 km/h to 80 km/h.

Which of the following is not used in calculating acceleration?

- A) initial velocity
- B) average speed
- C) time interval
- D) final velocity

How is speed defined?

- A) acceleration/time
- B) change in velocity/time
- C) distance/time
- D) displacement/time

A car, a bicycle, a mouse, and a bug have the same velocity. Which has the greatest momentum?

- A) the car
- B) the bicycle
- C) the mouse
- D) the bug