

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

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.

How is speed defined?

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

Which of the following is not used in calculating acceleration?

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

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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