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

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