

acceleration

the rate at which
velocity changes

average speed

The overall rate of speed at which an object moves; calculated by dividing the total distance an object travels by the total time.

distance

The length of a path between two points

instantaneous speed

the speed of an
object at one instant
of time

International System
of Units

A system of measurement based on multiples of ten and on established measures of mass, length, and time.

motion

the state in which one object's distance from another is changing

reference point

a place or object used for comparison to determine if an object is in motion

slope

The steepness of a line on a graph; the ratio of the vertical change (the rise) to the horizontal change (the run)

speed

The distance an object travels per unit of time

velocity

Speed in a given direction