

Chapter 11 Motion

WordWise

Complete the sentences by using one of the scrambled vocabulary words below.

velocity direction
instantly
ending
acceleration

vector is acceleration
marble
ends left
vector

gravitational force
centrifugal
acceleration constant
acceleration

An equation for _____ is $(v_f - v_i)/t$.

A quantity that has both magnitude and direction is called $a(t)$ _____.

The total distance travelled divided by the total time is _____.

A speed-time graph in which data points form a straight line is an example of $a(t)$ _____ graph.

Common units for _____ include meters per second (m/s).

In order to accurately and completely describe the motion of an object, $a(t)$ _____ is necessary.

You can determine _____ by measuring the length of the actual path between two points in space.

Two or more vectors combine to form $a(t)$ _____.

Objects in _____ accelerate at 9.8 m/s^2 .

A curve often connects data points on $a(t)$ _____ graph.

Together, the speed and direction in which an object is moving are called _____.

Movement in relation to a frame of reference is _____.

Wordwise Chapter 14 Answers

M Mosston



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