

Velocity



It is a physical quantity which gives us an idea about the motion of a body along with its direction. The velocity of a body is the distance travelled by the body in unit time and in a given direction. Hence, Velocity can be defined as displacement per unit time.

Velocity = Displacement / Time

$$\text{Velocity} = \frac{\text{Displacement}}{\text{Time}}$$



Velocity is a vector quantity. Its S.I unit is meter per second (m/s).