

Science

Physics

Motion

Factor describing 1- D Motion

1.) Position (x)

2.) Time (t)

3.) Distance (1)

4.) Displacement(s)

5.) Speed (S)

6.) Velocity (V)

7.) Acceleration (a)

Location of the Object : Reference Point (1D)

A **Reference Point** is fixed point considered in Line - Surface - Space so that motion can be described easily by locating the position of the object

Difference between Rest & Motion

Change in Position

Rest

Motion