

Types of Motion.

One dimensional	Two dimensional	Three dimensional
Motion of a body in a straight line is called one dimensional motion.	Motion of body in a plane is called two dimensional motion.	Motion of body in a space is called three dimensional motion.
When only one coordinate of the position of a body changes with time then it is said to be moving one dimensionally.	When two coordinates of the position of a body changes with time then it is said to be moving two dimensionally.	When all three coordinates of the position of a body changes with time then it is said to be moving three dimensionally.
e.g..Motion of car on a straight road. Motion of freely falling body.	e.g. Motion of car on a circular turn. Motion of billiards ball.	e.g.. Motion of flying kite. Motion of flying insect.