

Class 9 (physics)

Chapter- 2

Motion in one dimension

When a body moves along a straight line path, its motion is said to be one dimensional motion.

Motion Is Relative

Motion of objects is always described as *relative* to something else. For example:

- You walk on the road relative to Earth, but Earth is moving relative to the Sun.
- So your motion relative to the Sun is different from your motion relative to Earth.

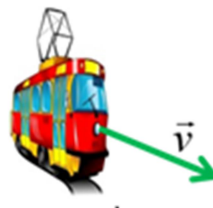


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train at rest w.r.t. observer



train in motion w.r.t. observer



Assignment:

Exercise 2(A)

Q no. 1- 5