

NORTH POINT SENIOR SECONDARY BOARDING SCHOOL; RAJARHAT
Class : IX

Subject : Physics

Worksheet on the chapter: "MOTION"

Answer the following questions:

1. What does speedometer used for?
2. Change speed of 6 m/s into km/hr.
3. A car travels a distance of 360 km in 5 hours. What is speed in m/s.
4. A cricket ball covers 60 m in 2 seconds. Calculate the speed of the ball in km per hour.
5. Distinguish between speed and velocity.
6. A car travelling with a speed of 20km/hr comes into rest in 0.5 hours. What will be the value of its retardation?
7. A racing car has a uniform acceleration of 4m/s². What distance will it cover in 10sec after start?
8. What is the difference between uniform linear motion and uniform circular motion?
9. A car starting from rest moves with a uniform acceleration of 0.1 m/s² for 4minutes. Find the speed and the distance travelled by the car.
10. A train 100m long is moving with a velocity of 60 km/h. Find the time taken by it to cross the bridge 1 km long.

