



General Science

Name:

CH: 13 MOTION AND TIME

Class: VII Sec:

I Fill in the blanks

1. The speed of the vehicle is recorded by _____
2. The slope of a distance- time graph represents -----.
3. 72 km/h is equal to ----- m/s.
4. Distance covered = ----- x time.
5. A mineral used in the crystal form in watch is -----.
6. A body is said to be in ----- of it covers equal distance in equal interval of time.
7. The graph of an object moving in uniform motion is a _____ parallel to _____ axis
8. The _____ of a pendulum remains same if length is fixed.

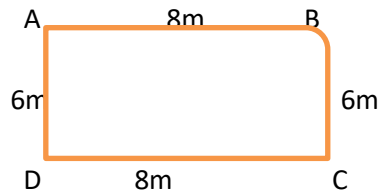
II. Answer the following

9. Plot a distance –time graph of a car moving with a speed of 2.5m/s
10. Name the following
 - a. A repetitive motion which takes place at equal intervals of time.
 - b. Number of vibration per second.
 - c. Time taken to complete one oscillation.
 - d. S.I unit of time.
 - e. Watch used to measure exact time taken during the event.
11. What is difference between speed and velocity?



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12. Starting from A , Paheli moves along a rectangular path ABCD . She takes 2 minutes to travel each side. Plot a distance-time graph and explain whether the motion is uniform or non-uniform.



13. Boojo walks to his school which is at a distance of 3km from his home in 30 minutes. On reaching he finds that the school is closed and comes back by a bicycle with his friend and reaches home in 20 minutes. Calculate his average speed in km/hr.
14. A man covers a total distance of 750Km in his car with an average speed of 50km/h. How much time does he take?