Chapter 13

Q.1: What is the full form of SI ?

Q.2: What is the basic unit of speed ?
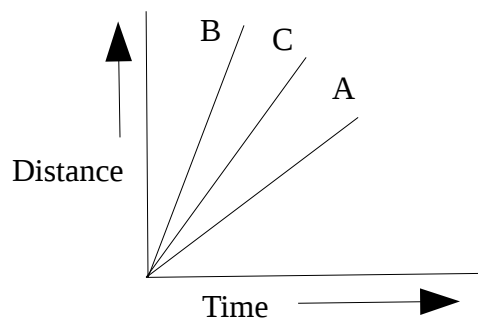
Q.3: How many seconds in a day ?

Q.4: The distance traveled by a car and the time taken by it to cover the distance is given in below table: find out the speed of the car.

S.No.	Time(hours)	Distance(km)
1	0	0
2	1 h	2 km
3	2 h	4 km
4	3 h	6 km
5	4 h	8 km
6	5 h	10 km

Q.5: A simple pendulum takes 32 s to complete 16 oscillations. What is the time period of the pendulum?

Q.6: Tanya takes 30 minutes from her house to reach her school by car. If the car has a speed of 2 m/s, calculate the distance between her house and the school.

Q.7: The distance time graph for three car A, B and C is given below. Which one of them is moving faster?

Q.8: Convert the speed of car 18 km/h into basic unit.

Answer:

1. *SI Stands for "Système international". its a french word. It arrives from Système international d'unités i.e. International System of Units.*
2. *m/s*
3. *24*60*60 second*
4. *2 km/h*
5. *2 second*
6. *3600 m*
7. *B>C>A*
8. *5 m/s*

For any further query:
contact me through email- skdwivedi2009@gmail.com