

SCIENCE WORKSHEET
CHAPTER - MEASUREMENT AND MOTION
CLASS VI

1.	<p>Write two examples for each of the following:</p> <ul style="list-style-type: none">a) Rectilinear motionb) Periodic motionc) Non Periodic motiond) Rotational motione) Curvilinear motion
2.	<p>Numericals:</p> <ul style="list-style-type: none">a) Your school admits children who live within 6 km from the school. Your friend Ayush lives 3000m from the school wants to go to the same school. Do you think he will get admission in your school?b) Convert the following:i) The distance between Delhi and Chennai is 2100 km . Convert the distance in metre.ii) Time you spend in school is 6 hours. Convert it into seconds.iii) The thickness of your science book is 13mm. Convert it into metre.
3.	<p>Fill in the blanks:</p> <ul style="list-style-type: none">i) Invention of -----was a revolutionary step in the history of transport.ii)-----involves the comparison of an unknown quantity.iii) -----is the SI unit of lengthiv) The rotation of earth on its axis is-----motionv) A type of motion that repeats itself after equal intervals of time is called-----
4	<p>Correct the following statements:</p> <ul style="list-style-type: none">i) The Cubit is an example of a standard unit of length.ii) The commonly used unit for large distance is centimetre.iii) The SI unit of time is hour.iv) One millimetre is larger than one centimetre.v) Odometer is a device used for indicating the speed of an automobile.
5.	<p>Answer the following questions:</p> <ul style="list-style-type: none">i) Why do we need standard unit of measurement?ii) Give two similarity and two differences between rectilinear and curvilinear motion.iii) A carpenter is fixing a curtain rod on the wall by tightening a screw. How many different kinds of motion is the screw undergoing?iv) What are the advantage of SI system?

6. **HOTS and PSA:**

A (a) At home when do you see people using the skill of estimation?

(b) Point out at least two instances and give your reasons as to why estimation is more convenient in these cases rather than accurate measurement ?

B(a) A dozen of identical books are stacked one above the other to a height of 48cm.If 3 more books are added to the stack, then what will become the height of the stack ?

C. Trains A and B are running parallel to each other at equal speed. State whether a person in train A will be a state of rest or motion with respect to :

- a. another person in train A
- b. a person in train B
- c. a bridge over which the train is running.

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- B Study the given graph and answer the following questions:
- (a) Which tortoise travelled the longest distance?
 - (b) Convert the distance travelled by the tortoise 3 into kilometre
 - (c) Calculate the average distance covered by all the tortoises.

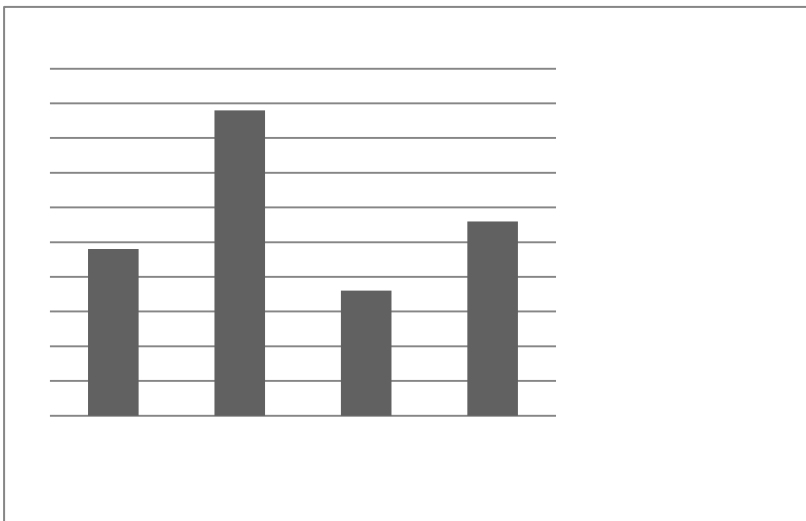


Figure 1

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