



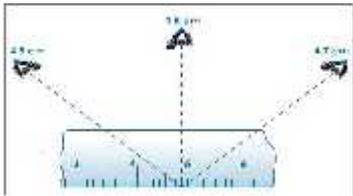
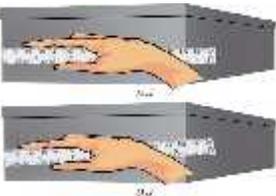
**INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE**

Subject: Science **Topic:** Motion and measurement of Distances **Date of Worksheet:**9/11/2017

Resource Person :Mrs. Saritha Kishore **Date of Submission:** _____

Name of the student: _____ **Class &Division:** VI _____ **Roll No:** _____

Q1	<p>Give one word for the following.(1 Mark each)</p> <table border="1"> <tr> <td>1</td> <td>Distance of the tip of the thumb and small finger of a fully stretched hand.</td> <td></td> </tr> <tr> <td>2</td> <td>Distance between the tip of the middle finger and elbow of an out stretched hand.</td> <td></td> </tr> <tr> <td>3</td> <td>The motion of an athlete running on a straight track.</td> <td></td> </tr> <tr> <td>4</td> <td>The motion of a body in a circular path.</td> <td></td> </tr> <tr> <td>5</td> <td>The to and fro motion of a body about a fixed point.</td> <td></td> </tr> <tr> <td>6</td> <td>SI unit of length.</td> <td></td> </tr> </table>	1	Distance of the tip of the thumb and small finger of a fully stretched hand.		2	Distance between the tip of the middle finger and elbow of an out stretched hand.		3	The motion of an athlete running on a straight track.		4	The motion of a body in a circular path.		5	The to and fro motion of a body about a fixed point.		6	SI unit of length.		6
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Q2	<p>State whether the statements are true or false(1 Mark each)</p> <ol style="list-style-type: none"> 1) While measuring length using a meter scale, it does not matter where we place our eye. 2) When we travel by train or car, the person sitting next to us is at rest with respect to us. 3) Rotation and revolution are two types of circular motion. 4) The motion of earth is periodic. 5) The movement of the Earth around the sun is called rotation. 	5																		
Q3	<p>Name the appropriate unit for measuring the following. (1mark each)</p> <ol style="list-style-type: none"> 1) The thickness of a cardboard sheet. 2) The distance between stars 3) The length and breadth of a room 4) The distance between Delhi and Mumbai 	4																		
Q4	<p>Arrange the following in increasing order.(1mark each)</p> <ol style="list-style-type: none"> 1) 1 km, 5 cm, 10 mm 2) 1 km, 1 mm, 1 cm, 1 m 	2																		
Q5	<p>Identify the types of motion in the following .(1mark each)</p> <ol style="list-style-type: none"> 1) The motion of a drill. 2) The movement of the hands of a clock. 3) A moving wheel of a sewing machine. 4) A spinning top. 5) The wheels of a moving truck. 6) Drawing of water from a well. 	6																		

Q6	Answer the following	
1.	Write one example for each of the following type of motion i) Rectilinear ii) Both circular and periodic	2
2.	Express the following in meters The thickness of paper is 0.01cm = ____ m	1
3.	From the following figure, identify the correct position or method of measuring the length using ruler. Justify your answer. <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>A.</p>  </div> <div style="text-align: center;"> <p>B.</p>  </div> </div>	3
4.	A thread is 2 m long. Express its length in cm and mm.	1
5.	The distance between Ram's house and Ravi's house is 3000 m. Express it in km.	1
6.	How many millimeters are there in 20 centimeters?	1
7.	Name some units of length?	2
8.	Give two example of each mode of transport used on land, water and air.	3
9.	Why can't we use an angul (finger) or mutthi (fist) as standard unit of measurement of length?	2
10.	Why can't we use elastic tape to measure distances?	2
11.	What is the difference between motion of a pendulum and a mark on the blade of a moving electric fan?	2
12.	What is the difference between motion of a falling stone and motion of a stone tied to a thread and whirled with hand?	2
13.	Give two examples where objects undergo combinations of two types of motion.	3

