

**KLE SOCIETY'S SCHOOL, NAGARBHAVI, BENGALURU**

NAME: \_\_\_\_\_ GRADE: 6 DATE: \_\_\_\_\_

**SUBJECT: SCIENCE**

**PRACTICE WS-3**

**MEASUREMENT AND MOTION**

**I. Match the types of motion with the associated key word :**

Key words	Types of motion
1. Translatory motion	a. to and fro about a fixed point
2. Periodic motion	b. around a fixed point inside the object
3. Circular motion	c. every part of the object moves through the same distance in a given time period
4. Vibratory	d. around a fixed point outside the object
5. Rotational motion	e. repetitive motion

**II. Say whether the statements are true or false. Correct the false statements :**

1. The beating of the heart of a healthy person at rest is a non-periodic motion.
2. The SI unit of time is the second.
3. The motion of a boy on a swing is periodic motion.
4. One millimetre is equal to one million metres.
5. A divider should be used to measure the length of a table cloth.

**III. Answer in brief :**

1. (i) What is the advantage of using standard units?

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- (ii) Express 450 metre in kilometre and centimetre.

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(iii) The height of a pile of 10 identical books is 25 cm. What is the thickness of each book?

2. A 30Cm Scale has one end broken. The mark at the broken end is 2.6cm. How would you use it to measure the length of your pencil?

3. Write the precautions to be taken while measuring the length of an object using a ruler or measuring tape.

**IV. Complete the following table :**

<u>Measurement</u>	<u>SI Unit</u>	<u>Symbol</u>	<u>Tools Used</u>
	Metre		Metre rod
Mass		Kg	
Time		S	
		K	Thermometre