



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
DEPARTMENT OF SCIENCE**

Subject : Science

Revision worksheet: 14

Topic : Motion and Measurements

Class: 6

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Name ----- Roll no-----Class VI. Section-----

1. Which are the two parts of the measurement?
2. What is the need of a standard unit of measurement? Give an example to show that all standard units are not SI units
3. Why tailors tape is made flexible?
4. What is rest? What is motion?
5. Prakash says that the picture hanging on the wall is at rest. Dhruv says that the same is moving with a speed of about 30 km/s. Can both of them be equally true? How?
6. Which are the two kinds of circular motions? Differentiate between them
7. What is common between oscillatory motion and vibratory motion? What are the differences between them?
8. Define periodic and non-periodic motions. What is common between periodic and non-periodic motions?
9. What are the precautions to be taken while measuring length?
10. Shiva's scale is broken at the zero end. So he measured the length of his pencil starting from 2.5 cm. The reading he got for the length was 12 cm.
What is the actual length of the pencil?
11. Find an example for a body with three different kinds of motions simultaneously. (Multiple motion)

Some alien kids from the planet Isas visited earth in 5490 AD. It had turned into a lifeless planet. They found out using their laser meter that the deepest point on the earth is Challenger Deep which is 10,916m and the highest point is Mt. Everest which is 8840m. A naughty kid Djinklo lifted the Mt. Everest and dropped in the Challenger Deep using his space excavator. It sank without a trace. Now Djinklo wants to find out how deep the top of the Mt. Everest lie under water. But he is not good in math. Can you help him?