



INDIAN SCHOOL NIZWA - WORKSHEET

Science		
Chapter – 5. Measurement of Length and Motion		
Name: _____	Date: _____	Class: VI Sec: ____

I Choose the correct answer from the given brackets.

- One meter is equal to _____ millimeters.
(a) 10 (b) 100 (c) 1000 (d) 10,000
- The distance between two points known as?
(a) Speed (b) Length (c) Weight (d) Height
- The archaeological sites of which civilization have revealed objects with ruled markings that could have been used as scales?
(a) Indus valley (b) Harappan (c) Egyptian (d) Mesopotamian
- What kind of motion does a swing exhibit?
(a) Oscillatory (b) Linear (c) Circular (d) Random
- Which of the following motions is both circular and periodic?
a) A pendulum swinging b) A car moving on a straight road
c) A merry-go-round rotating d) A ball falling straight down
- Which measuring device is the best for measuring large distances?
a) Meter stick b) Flexible tape c) Ruler d) Kilometre scale

II State True or False.

- One metre is divided into 100 millimetres. -----
- An object is in motion if its position changes over time. -----
- Body parts are a reliable method for measurement. -----
- The reference point is important in deciding whether an object is at rest or in motion. -----

III Give one – word answer.

- The distance from the tip of the thumb to the tip of the little finger. -----
- Name the types of motion an object moves in a straight line. -----
- A fixed point used to determine the position or movement of an object. -----



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14. The motion when an object moves to and fro about a fixed position. -----

IV Give two examples for each of the following motions.

15. Linear motion - -----, -----

16. Oscillatory motion - -----, -----

17. Periodic motion - -----, -----

18. Circular motion - -----, -----

V Give the unit for measuring the following.

19. The length of a door :- _____

20. The distance between Mumbai and Uttar Pradesh :- _____

21. The thickness of a coin :- _____

22. The length of a paper clip :- _____

23. The height of a basketball hoop :- _____

24. The depth of the ocean :- _____

25. The size of a grain of rice :- _____

26. The length of your pencil :- _____

VI Convert the following :

27. a) 43 km = _____ m

b) 78 m = _____ cm

c) 159 cm = _____ mm

d) 56 mm = ----- m

28. The distance between the two stations of the Mumbai metro is 6.28 km. Express this distance in i) metres ii) centimetres