



INDIAN SCHOOL AL WADI AL KABIR
Class VII, Mathematics
WORKSHEET (2026-27)
A PEEK BEYOND THE POINT

DESCRIPTIVE TYPE QUESTIONS

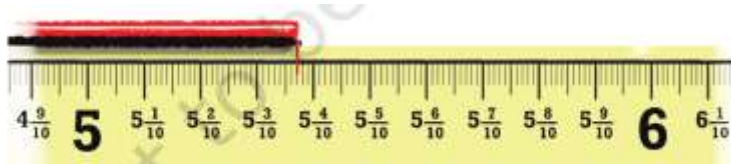
Q.1

Measure the length of each object.

a.



b.



Q.2

Write each quantity in decimal form:

- a. 4 tens, 6 ones, 5 tenths, and 8 hundredths
- b. 14 tens, 27 ones, 9 tenths, and 18 hundredths
- c. 9 tens, 28 ones and 38 thousandths

Q.3

Arrange the following in ascending order:

- a. 7.08, 7.8, 7.18, 7.008
- b. 10.101, 10.011, 10.11, 10.001
- c. 14.909, 14.99, 14.099, 14.900

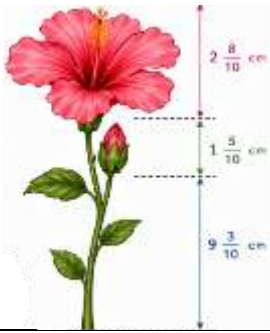
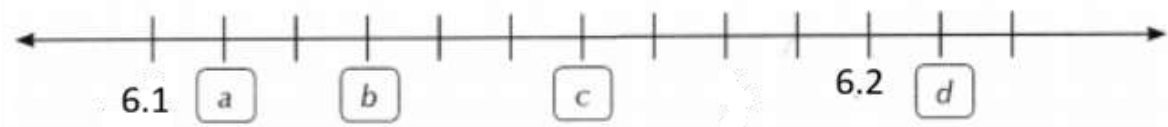
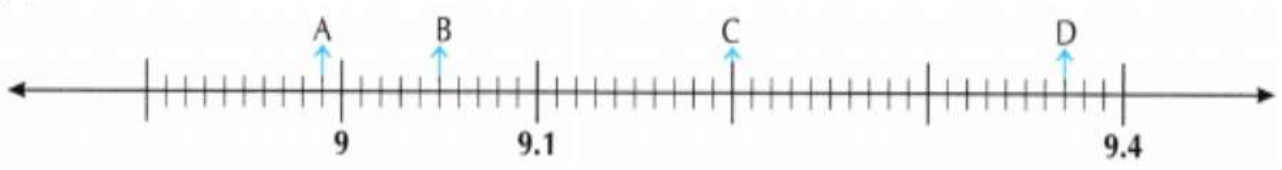
Q.4

Identify the change and write the next 3 terms of each sequence given below. Try to do this computation mentally.

- (a) 0.4, 0.45, 0.5, _____, _____, _____
- (b) 15.75, 16.25, 16.75, _____, _____, _____
- (c) 10.65, 10.78, 10.91, _____, _____, _____

Q.5

A garden path is $19\frac{2}{10}\frac{4}{100}$ m long. A part of $11\frac{8}{10}\frac{7}{100}$ m has been covered with tiles. How much of the path is still left to be tiled?

Q.6	A fruit seller bought 2.75 kg of apples, 3.4 kg of oranges, and 1.825 kg of grapes. a. Find the total weight of the fruits. b. Convert the total weight into grams.
Q.7	A rope is 8.45 m long. A piece measuring 3.275 m is cut off. Find the length of the remaining rope.
Q.8	Three students completed a race in 12.45 sec, 12.375 sec, and 11.98 sec. a. Find the total time taken by all three students. b. How much faster was the third student than the first?
Q.9	The lengths of the parts of a flower are given below. Find its total length. - Stem $9\frac{3}{10}$ cm - Bud $1\frac{5}{10}$ cm - Flower $2\frac{8}{10}$ cm 
Q.10	The librarian is arranging books on a bookshelf that is $9\frac{2}{10}\frac{8}{100}$ m long. After placing all the books, they occupy $6\frac{4}{100}$ m of the shelf. How much empty space is left on the bookshelf?
Q.11	On the number line given below, what decimal numbers do the boxes labelled 'a', 'b', 'c' and 'd' denote? i.  ii. 

Q.12	Make a place value table and write each quantity in decimal form a. 36 ones, 7 tenths and 9 hundredths b. $51 \frac{18}{100} \frac{2}{1000}$ c. 28 hundred, 5 ones and 7 hundredths
Q.13	During a science experiment, a laboratory technician used two chemicals. The quantity of Chemical A used was 1.875 litres, and the quantity of Chemical B used was 3.250 litres. After mixing the chemicals, 1.425 litres of the mixture was consumed during various experiments. Answer the following questions: a) What was the total volume of chemicals used in the experiment? b) How much chemical mixture remained after the experiment? c) Convert the remaining quantity of the mixture into millilitres.
Q.14	A chocolate factory produced chocolate bars in three different batches. The quantity of chocolate produced in Batch A was 45.75 kg, in Batch B was 38.625 kg, and in Batch C was 52.875 kg. After packaging the chocolate bars, 25.5 kg of chocolate was used for making gift packs and samples. Answer the following questions: a) What was the total quantity of chocolate produced in all three batches? b) How much chocolate remained after using 25.5 kg for packaging? c) Convert the remaining chocolate into grams. d) If each gram of the remaining chocolate is sold for ₹3, find the total value of the remaining chocolate.

ANSWERS

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Q.1	a. $7\frac{7}{10} \text{ cm}$ b. $5\frac{3}{10}\frac{7}{100} \text{ cm}$	Q.2	a. 46.58 b. 168.08 c. 118.038	Q.3	a. 7.008, 7.080, 7.180, 7.800 b. 10.001, 10.011, 10.101, 10.110 c. 14.099, 14.900, 14.909, 14.990		
Q.4	(a) 0.55, 0.6, 0.65 (b) 17.25, 17.75, 18.25 (c) 11.04, 11.17, 11.3			Q.5	$7\frac{3}{10}\frac{7}{100} \text{ m}$	Q.6	a. 7.975 kg b. 7975 g
Q.7	5.175	Q.8	a. 36.805 sec b. 0.470 sec	Q.9	$13\frac{6}{10} \text{ cm}$	Q.10	$3\frac{2}{10}\frac{4}{100} \text{ m}$
Q.11	i. a = 6.12; b = 6.14; c = 6.17; d = 6.21 ii. A = 8.99, B = 9.05, C = 9.2, D = 9.37				Q.12	Place value chart	
Q.13	a) 5.125 L b) 3.700 L c) 3700 mL	Q.14	a) 137.250 kg b) 111.750 kg c) 111,750 g d) ₹3,35,250				