

Chapter 4 Measurements

Activity 1 (Text Book Page No. 45):

Tabulate the length of your class table measured by five of your friends with non-standard units.

Sl. No	Students name	Finger width	Hand span	Cubit
1	friend 1	25	15	7
2	friend 2			
3	friend 3			
4	friend 4			
5	friend 5			

Answer:

Activity to be done by the students themselves.

Activity 2 (Text Book Page No. 45):

Measure the length of ribbon by your hand span.



Friend 1 _____ hand span
Friend 2 _____ hand span
Friend 3 _____ hand span
Friend 4 _____ hand span

Answer:

Activity to be done by the students themselves.

Activity 3 (Text Book Page No. 45):

Students are divided into two groups. One group should measure the length of the class room in non standard units and the other group in standard units.

Answer:

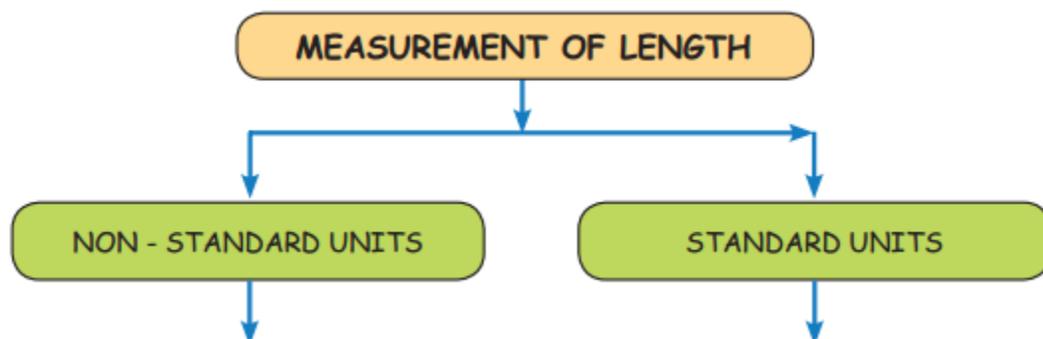
Activity to be done by the students themselves.

Activity 4 (Text Book Page No. 45):

Group of five students measure the length of the black board by given objects.

Pencil, Eraser, Measurement Scale & Notebook

Sl. No	Students name	Length of the black board			
		Pencils	Erasers	Scales	Notebooks
1	Kala	10	35	7	14
2					
3					
4					
5					



- 1. Finger width
- 2. Hand span
- 3. Cubit
- 4. Pace
- 5. Foot span.



Measurement varies from person to person

- 1. Millimeter
- 2. Centimeter
- 3. Meter
- 4. Kilometer



Measurement remains the same.

Activity 5 (Text Book Page No. 47):

Measure the length of ribbon by tape roll.



- Raj centimeter
- Kavi centimeter
- Anu centimeter
- Kavi centimeter

Measurements measured using standard units do not change from person to person.

Answer:

Activity to be done by the students themselves.

Practice (Text Book Page No. 47):

Question 1.

Measure the length of following things by centimetre scale and write it in the table below.



cm

cm

cm

cm

cm

Answer:

Activity to be done by the students themselves.

Question 2.

Measure length of the things by using ruler.

Measure the length of the following things in your house using a scale.



Objects	Length in centimeter
	30 cm
	<input type="text"/> cm
	<input type="text"/> cm
	<input type="text"/> cm

Answer:

Activity to be done by the students themselves.

Try this (Text Book Page No. 48):

a. Write metre or centimetre in the blank space.

i. My pencil is 6 ____ long.

Answer:

cm

ii. My hairpin is ____ long.

Answer:

mm

iii. This tree is 3 ____ high.

Answer:

m

iv. Height of coconut tree is 15 ____.

Answer:

m

b. Meena has a ribbon of 50 cm and Reena has a ribbon of 110 cm. Whose ribbon is the longer?

Answer:

Meena's Ribbon = 50 cm

Reena's Ribbon = 110 cm

∴ Reena's Ribbon is longer.

Activity 6 (Text Book Page No. 48):

Measure the length of following things in your class room using metre tape and fill in the boxes.



	<input type="text"/> meter
	<input type="text"/> meter

	<input type="text"/> meter
	<input type="text"/> meter
	<input type="text"/> meter

Answer:

Activity to be done by students.

Try this (Text Book Page No. 48):

a. Centimeter ____ Meter

Answer:

<

b. Meter ____ Kilometer

Answer:

<

c. Kilometer ____ Centimeter

Answer:

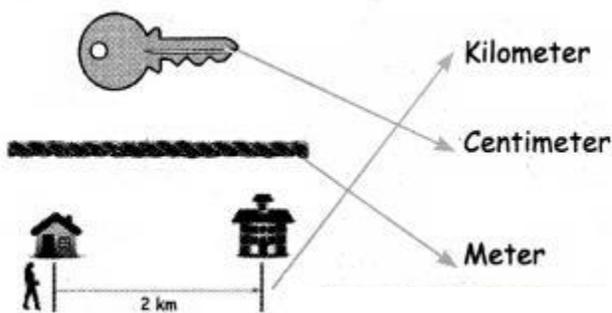
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Practice (Text Book Page No. 49):

Match the objects with the appropriate units of measuring their length.

	Kilometer
	Centimeter
	Meter

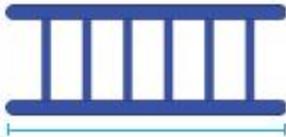
Answer:



Activity 7 (Text Book Page No. 49):

Estimate the length of the following objects and verify with actual length.

Sl. No	Name of the object	Estimated length	Actual length
1			
2			
3			
4			

5			
6			
7.			
8.			

Answer:

Activity to be done by students.

Practice (Text Book Page No. 50):

Question 1.

Circle the odd one.

1. mm
2. cm
3. m
4. cubit

Answer:

4. cubit

Question 2.

Fill in the blanks.

a. 1 meter = ____ cms

Answer:

100

b. 2 meter = ____ cms

Answer:

200

c. 3 meter = ____ cms

Answer:

300

d. 4 meter = ____ cms

Answer:

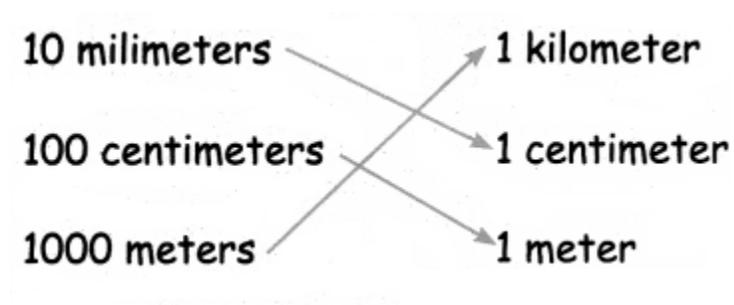
400

Question 3.

Match the following.

10 millimeters	1 kilommeter
100 centimeters	1 centimeter
1000 meters	1 meter

Answer:



Question 4.

Write all the non-standard units.

Answer:

1. Finger span
2. Hand span
3. Cubit
4. Pace
5. Foot span

Question 5.

Write all the standard units you know.

Answer:

1. Millimeter
2. Centimeter
3. Meter
4. Kilometer

Question 6.

Write in short form,

a. millimeter : ____

Answer:

mm

b. meter : ____

Answer:

m

Question 7.

Write the given units in order.

Ascending order: ____, ____, ____, ____

Descending order: ____, ____, ____, ____

mm

meter

cm

km

Answer:

Ascending order: mm, cm, m, km

Descending order: km, m, cm, mm.