



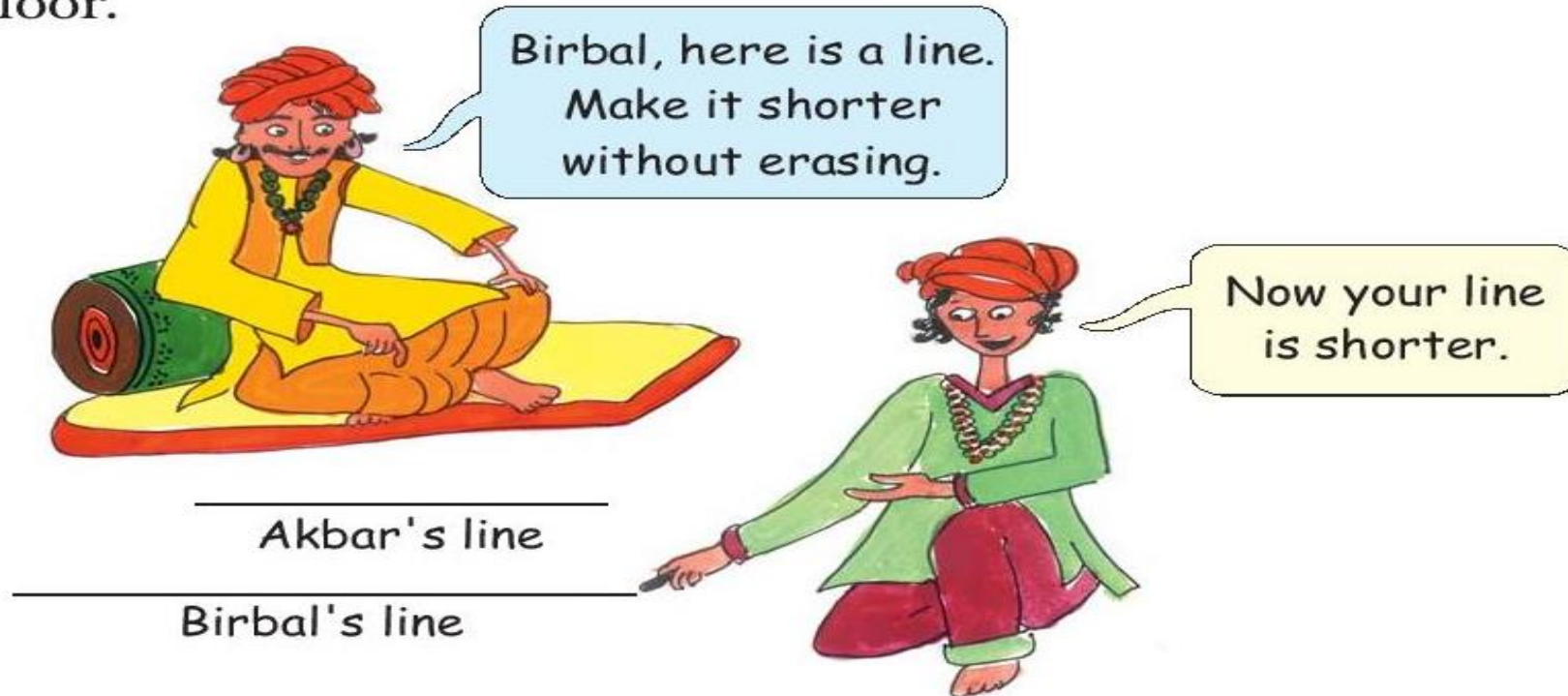
**KENDRIYA VIDYALAYA VIJAYAPURA**

**CLASS – 4 Mathematics**



# THE SHORTER LINE

Akbar was a famous king. He had a smart minister called Birbal. Once Akbar gave him a difficult question. He drew a line on the floor.





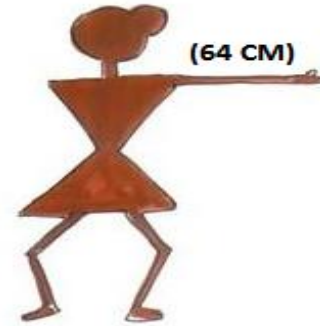
# HOW TO MEASURE?

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=Y-C25-JBQOG&FEATURE=YOUTU.BE](https://www.youtube.com/watch?v=Y-C25-JBQOG&feature=youtu.be)



# TRY THIS :-

★ Make her right arm 1 cm longer than the left arm.



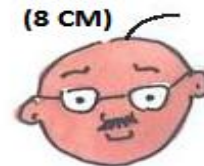
★ Draw a cup 1 cm shorter than this cup.



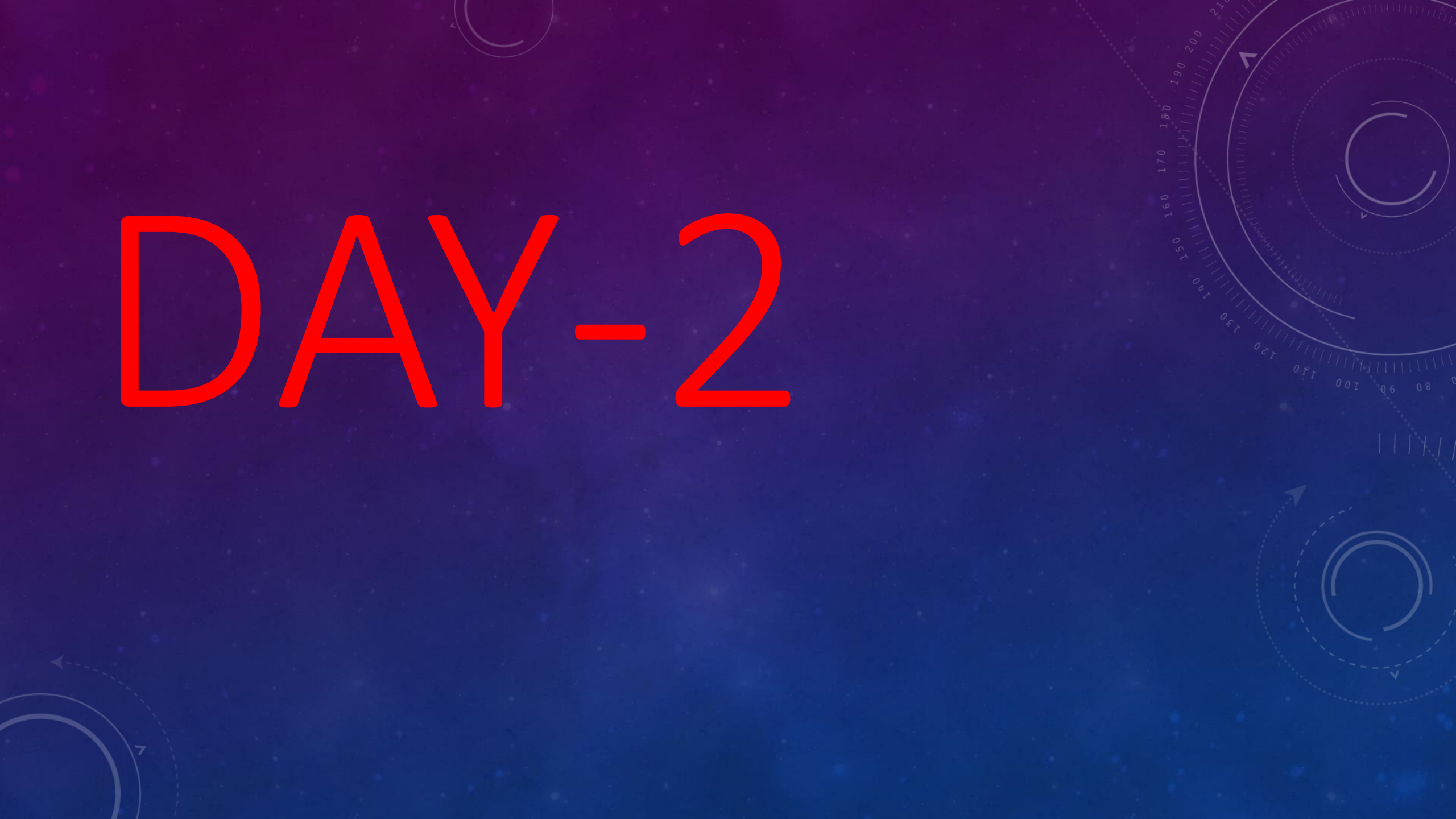
★ Draw a broom half as long as this broom.



★ Draw another hair of double the length.



# DAY-2



# HOW TO USE RULER ?

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=ESRXZTBFITQ&FEATURE=YOUTU.BE](https://www.youtube.com/watch?v=ESRXZTBFITQ&feature=youtu.be)

## Chapter - 4 Long and Short





# FIND OUT THE LENGTH OF THE FOLLOWING THINGS AND WRITE THEIR MEASUREMENT :

1) Length of your maths notebook = \_\_\_\_\_ CM

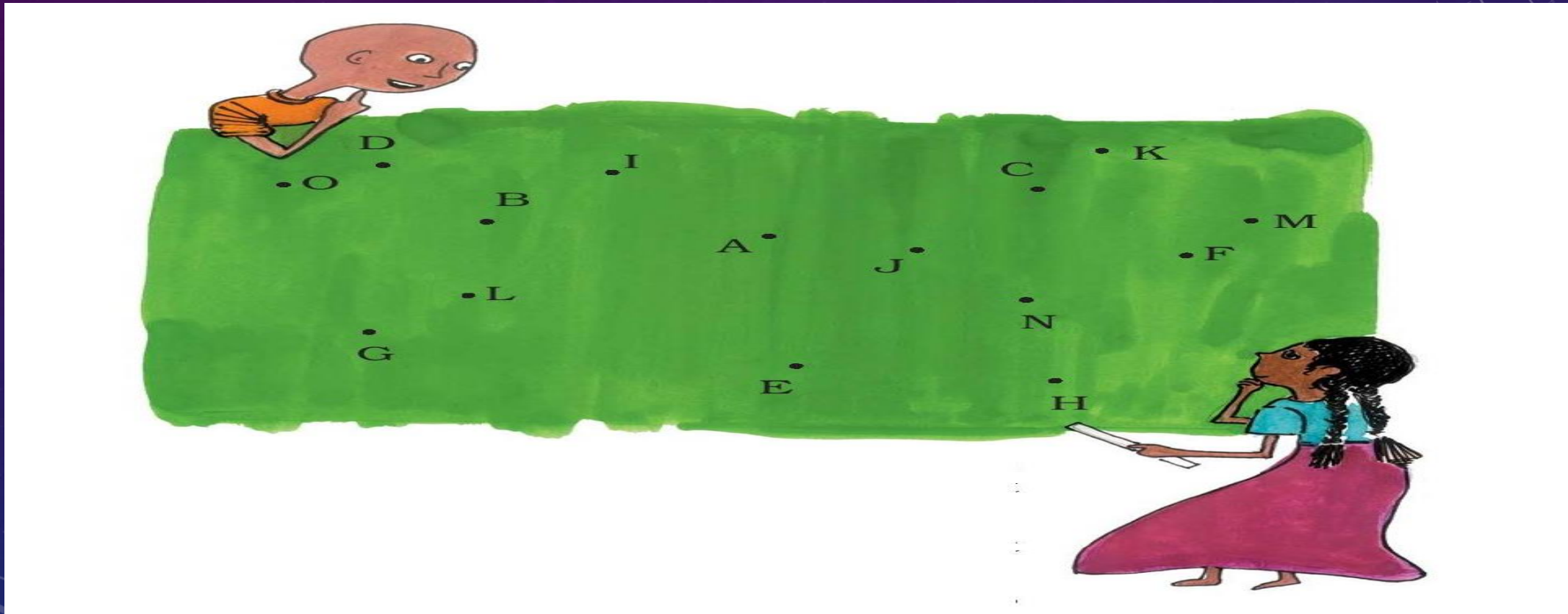
2) Length of your pencil = \_\_\_\_\_ CM

3) Length of your room = \_\_\_\_\_ CM

4) Length of your hight = \_\_\_\_\_ CM

5) Length of your tie = \_\_\_\_\_ CM

# HOW FAR APART ARE THE DOTS?





DAY - 3





# CENTIMETER, METER , KILOMETER?

[HTTPS://WWW.YOUTUBE.COM/WATCH?V=YN0JTD7RW7E&FEATURE=YOUTU.BE](https://www.youtube.com/watch?v=YN0JTD7RW7E&feature=youtu.be)

m to cm AND

$$1\text{ m} = 100\text{ cm}$$

cm to m

$$1\text{ m} = 100\text{ cm}$$

# DAY - 4



**FIND OUT AND FILL THE TABLE BELOW.**

<i>Friend's name</i>	<i>Last year's height (in cm)</i>	<i>This year's height (in cm)</i>	<i>How many cm have they grown?</i>



# INTER-SCHOOL SPORTS MEET

## **Race**

This is a 100 metre race for girls. Arundhati is nearest the finishing line. She is about 6 metres from it.

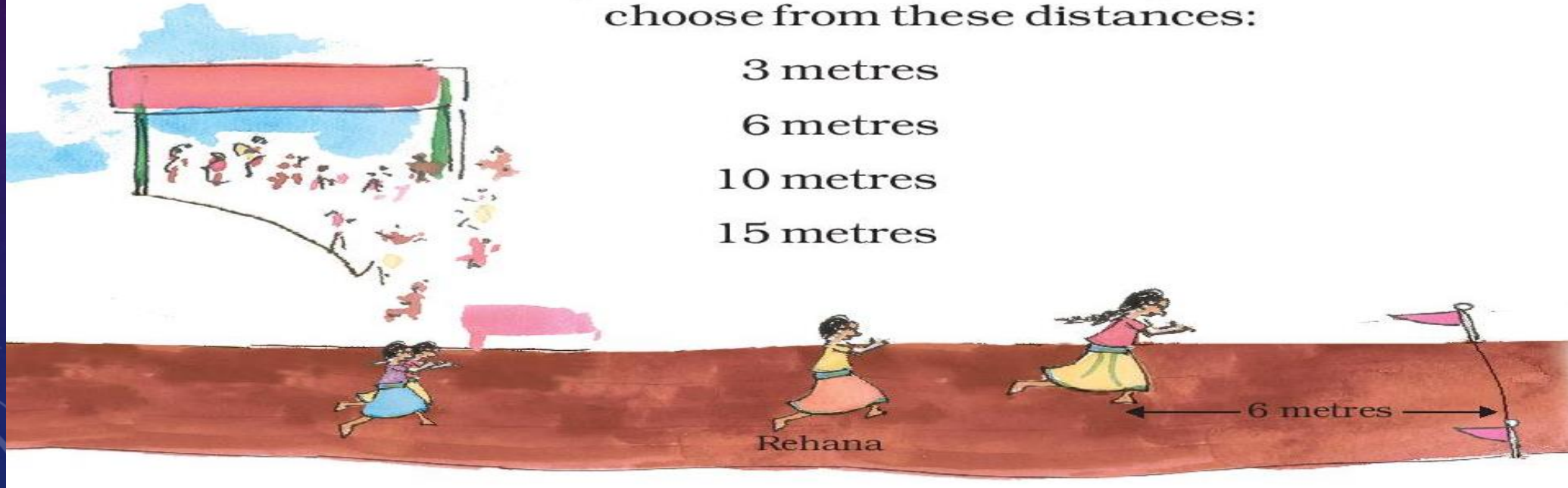
Behind her is Rehana. Konkana and Uma are running behind Rehana. Look at the picture. To answer the questions below choose from these distances:

3 metres

6 metres

10 metres

15 metres





DAY — 5



# ADDITION AND SUBTRACTION

[https://www.youtube.com/watch?v=Sg\\_yz35nqrs&feature=youtu.be](https://www.youtube.com/watch?v=Sg_yz35nqrs&feature=youtu.be)

<https://www.youtube.com/watch?v=Yqgo9GFJlz0&feature=youtu.be>

**Addition — Metres and Centimetres**



m		cm	
1	2	4	9
+	9	3	0
<hr/>		<hr/>	
2	1	8	0
<hr/>		<hr/>	
			4

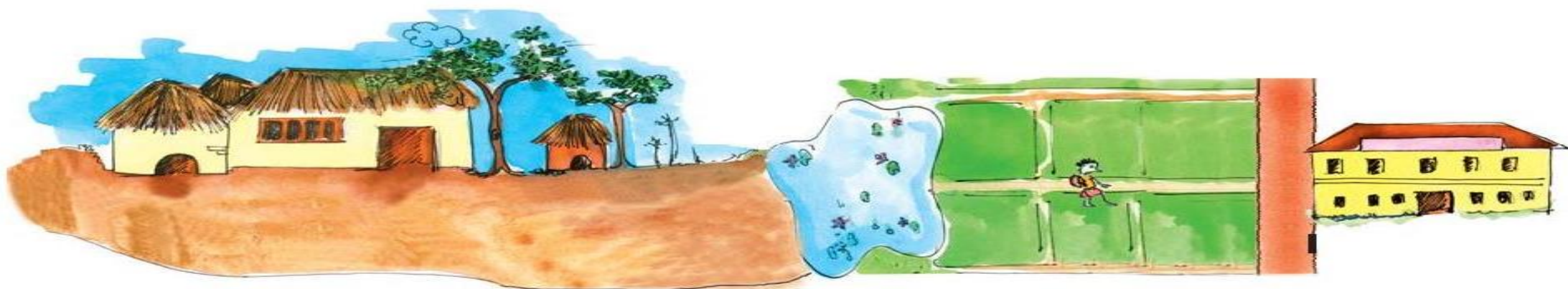
**Subtraction — Metres and Centimetres**



m		cm	
5	2	7	9
-	1	3	0
<hr/>		<hr/>	
5	1	4	9
<hr/>		<hr/>	
			0

# HOW FAR IS YOUR HOME FROM SCHOOL?

Momun comes to school from very far. He first walks about 400 metres to the pond. With slippers in his hands, he then walks 150 metres through the pond. Next he runs across the 350 metres wide green field. Then he carefully crosses the 40 metres wide road to reach his school.



How much does Momun walk every day to reach school? \_\_\_\_\_

Is it more than 1 km? \_\_\_\_\_

# FIND OUT HOW FAR YOUR FRIENDS LIVE FROM SCHOOL AND FILL THE TABLE.

Friend's name	Distance of home from school (in meter)	Distance of home from school (in kilometer)



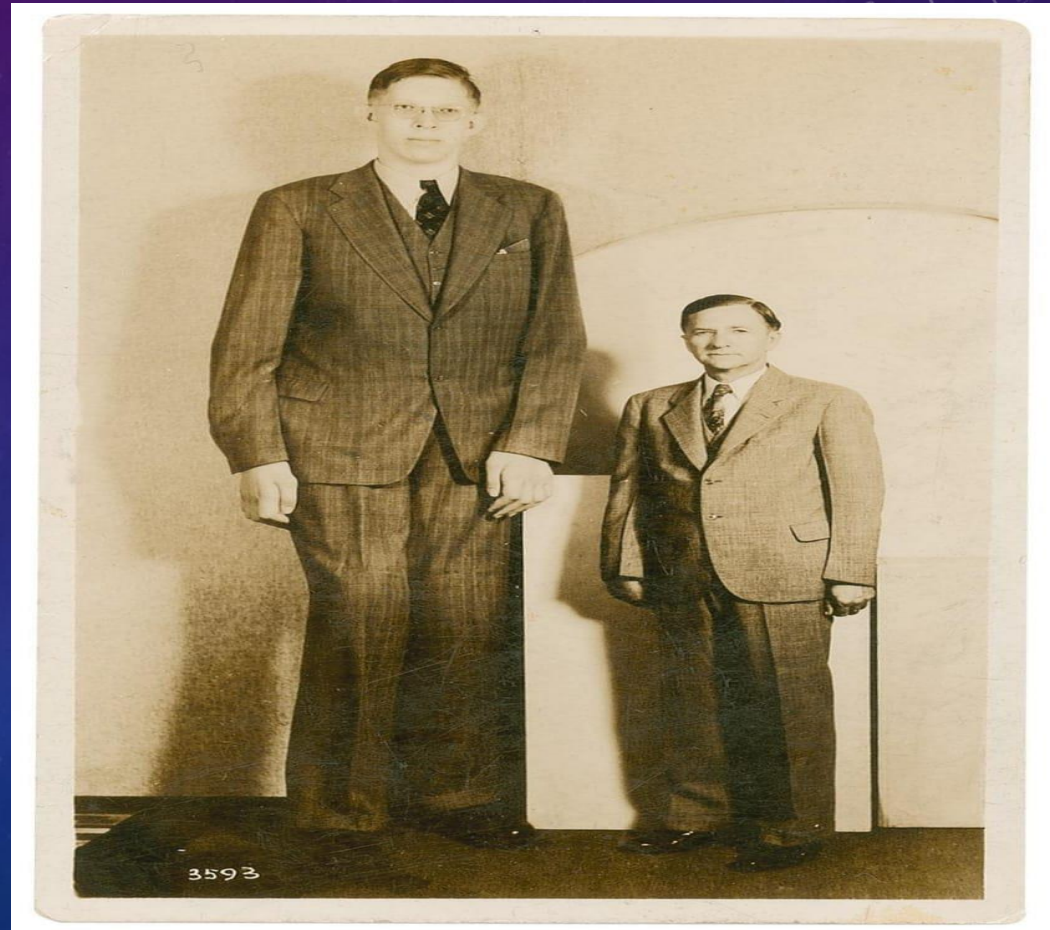
# DAY - 6





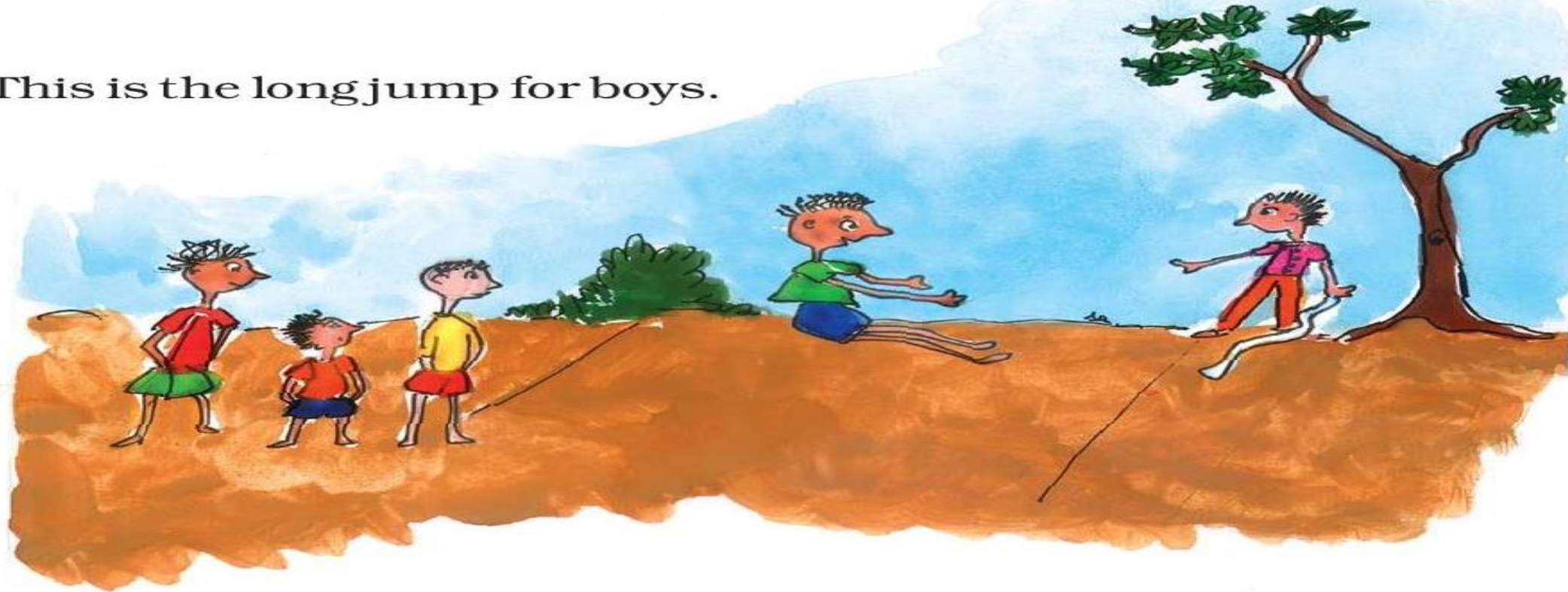
# HOW LONG IS JHUMPA?

- Jhumpa once read a list of the tallest people in the world. One of them was 272 cm tall! That is just double of Jhumpa's height. How tall is Jhumpa?  
                     cm.



# LONG JUMP

This is the long jump for boys.



Dhanu has the longest jump of 3 metres 40 cm. Gurjeet is second. His jump is 20 cm less than Dhanu's. Gopi comes third. His jump is only 5 cm less than Gurjeet's jump.

★ How long are Gurjeet's and Gopi's jumps?

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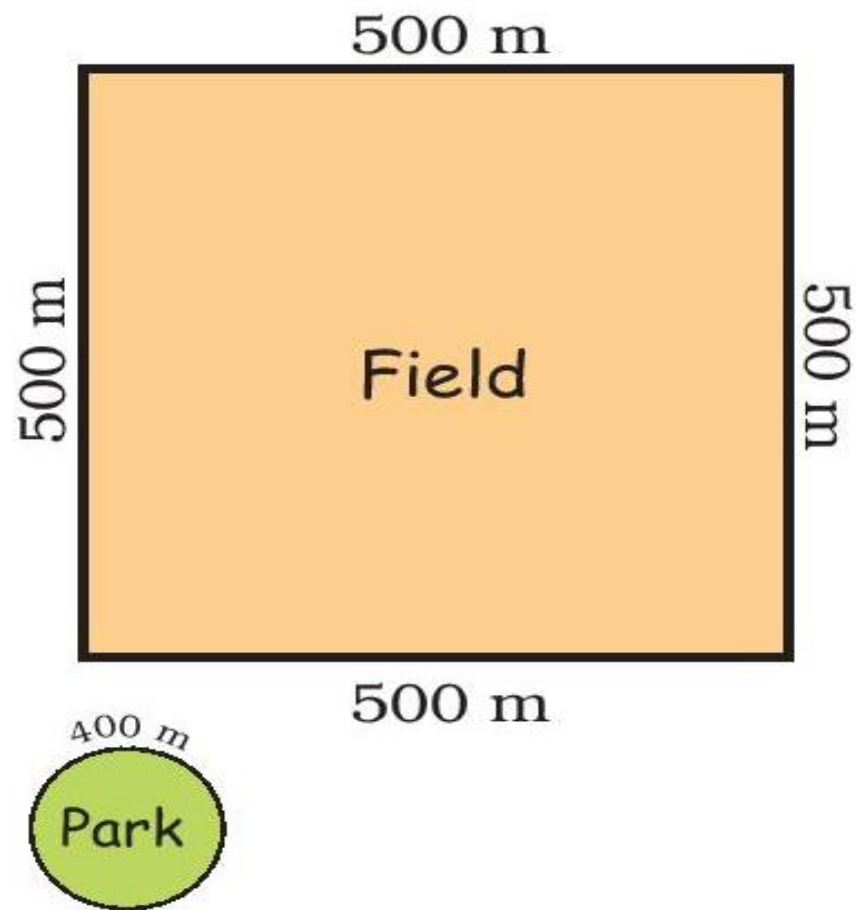
## Running Exercise

The doctor has told Devi Prasad to run 2 km every day to stay fit. He took one round of this field. How far did he run?

The field was very far from his home. So he chose a park nearby. The boundary of the park was about 400 metres long.

★ How many rounds of the park must Devi Prasad run to complete 2 km?

★ One day the weather was very good and a cool breeze was blowing. He felt so good that he kept jogging till he got tired after 8 rounds. That day he ran \_\_\_\_\_ km and \_\_\_\_\_ metres!



# HOW MANY ROOMS HIGH?

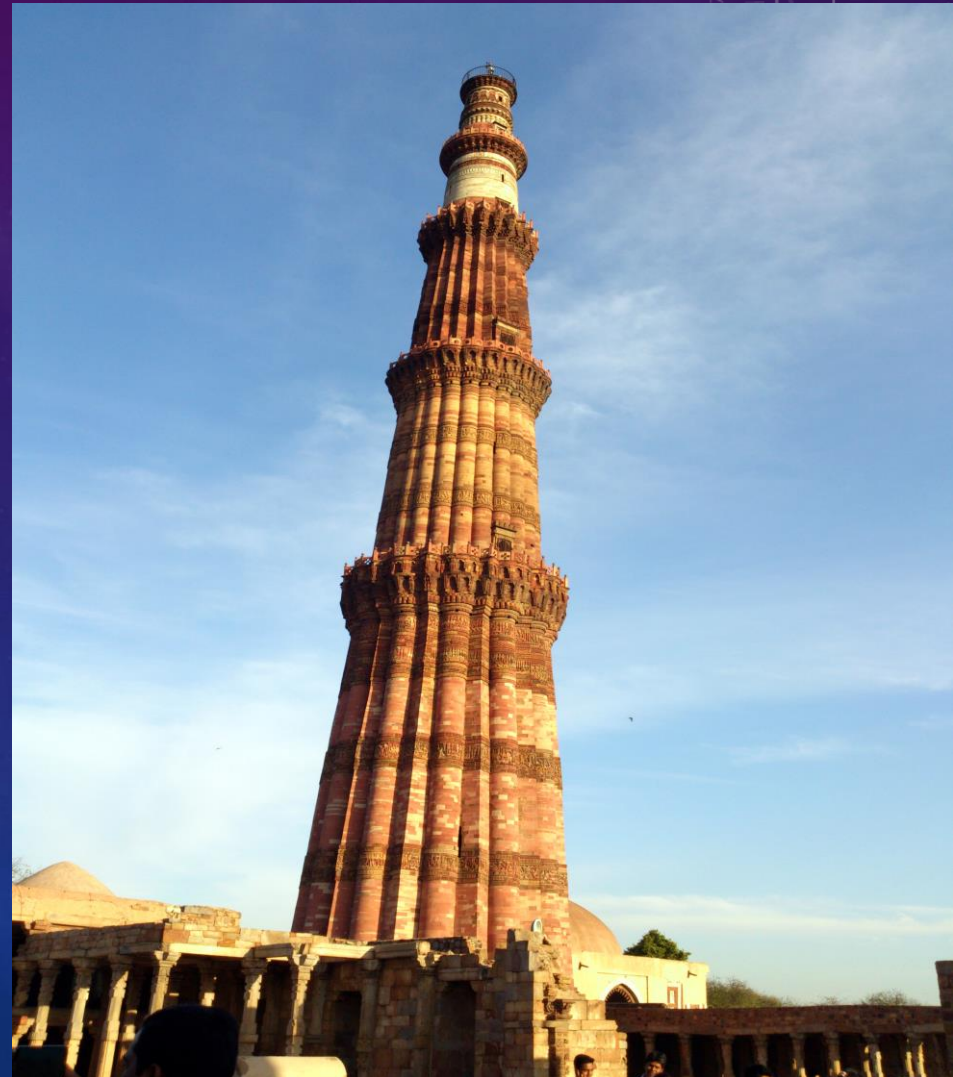
See the picture and write :-

Name of the building = \_\_\_\_\_

Length of the building = \_\_\_\_\_

About how many meters high is your room? \_\_\_\_\_

Guess how many rooms, one on top of the other, will be equal to the Qutab - Minar. \_\_\_\_\_



**Kendriya Vidyalaya Vijayapura**

**Class 4**

**Mathematics**

**Work sheet - 1**

**Chapter 1 Long And Short**

Question:-1 What is better unit to measure these? (*cm, m, or km*)

- a) Length of a pin \_\_\_\_\_
- b) Height of a house \_\_\_\_\_
- c) Distance the scooter travels \_\_\_\_\_
- d) Length of a park \_\_\_\_\_
- e) Length of a pen \_\_\_\_\_
- f) Height of your pet \_\_\_\_\_
- g) Length of a 500 rupees note \_\_\_\_\_
- h) Distance from Bijapur to Bangalore \_\_\_\_\_
- i) Thickness of your lunch box \_\_\_\_\_
- j) Height of Qutub Minar \_\_\_\_\_
- k) Length of your car \_\_\_\_\_
- l) Distance from school to your house \_\_\_\_\_

Question :- 2 Measure the Length and write the answer.

a) A \_\_\_\_\_ B \_\_\_\_\_ CM.

b) C \_\_\_\_\_ D \_\_\_\_\_ CM.

c) E \_\_\_\_\_ F \_\_\_\_\_ CM.

d) G \_\_\_\_\_ H \_\_\_\_\_ CM.

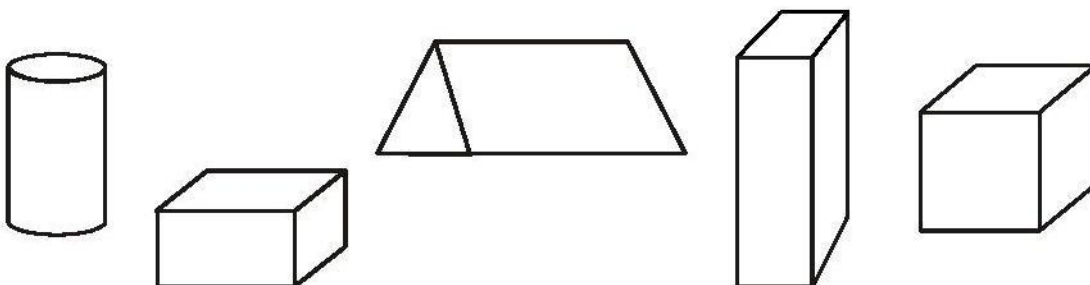
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## WORK SHEET 2

Question.-1 Make any two floor patterns using colour paper and stick it below.

Question.-2 Find out different shapes from these designs and write their names and draw also?

Question.-3 Color the figure which of these is a drawing of a brick?





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## WORK SHEET 3

Question.-1 Draw a brick shape to show three of its faces?

Question.-2 Find Out:

The Size of a Brick Have you seen bricks of different sizes?

Take one brick and measure it.

a) How long is it?

Answer. \_\_\_\_\_

b) How wide is it?

Answer. \_\_\_\_\_

c) How high is it?

Answer. \_\_\_\_\_

Question.-3 Muniya wants to make a wall 1 metre long. How many bricks will she need to put in a line?

Answer.

Question.-4 Ganesh and Sahiba live near a kiln where bricks are made.

Can you guess how high is the chimney here? Is it:

- a) about 5 metres
- b) about 15 metres
- c) about 50 metres

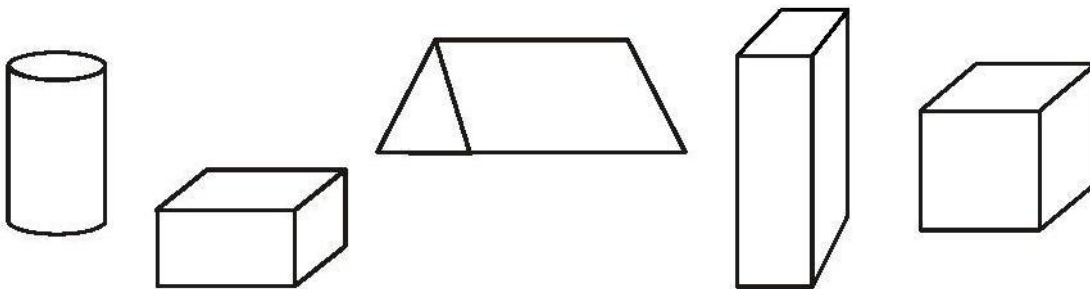
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## WORK SHEET 4

Question.-1 Fill in the blanks.

- a) A brick has \_\_\_\_\_ edges.
- b) A square has \_\_\_\_\_ sides.
- c) A rectangle has \_\_\_\_\_ faces.
- d) A soap has \_\_\_\_\_ faces.
- e) A cuboidal box has \_\_\_\_\_ corners.
- f) The number of faces in a brick is equal to \_\_\_\_\_.
- g) A dice has \_\_\_\_\_ faces.
- h) A brick is a \_\_\_\_\_ dimensional object.
- i) A triangle has \_\_\_\_\_ sides.
- j) A triangle has \_\_\_\_\_ corners.

Question.-2. Count and write the number of faces you can see in each of the following figures and colour each of the faces using different colours.



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## WORK SHEET 5

Question.-1 Make an arch using bricks.

Question.-2. Draw two wall patterns using bricks.

Question.-3 What do you think? Which wall will be stronger?



(A)



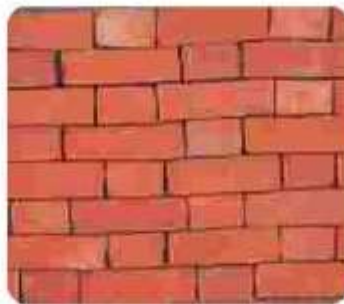
(B)

Answer. \_\_\_\_\_

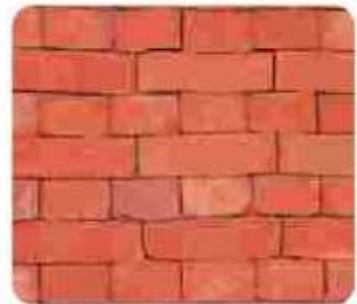
Question.-4 Here are photos of three kinds of brick walls. Can you see the difference in the way the bricks are placed? match the photo of each wall with the correct drawing below:



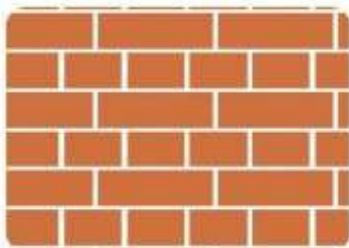
(A)



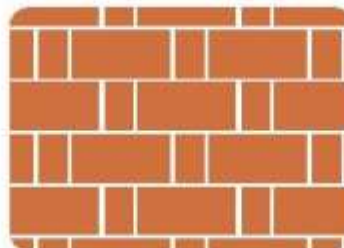
(B)



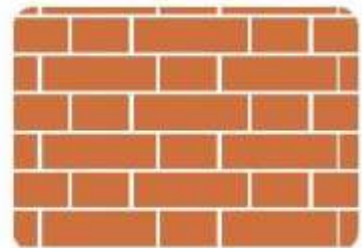
(C)



(i)



(ii)



(iii)

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## WORK SHEET 6

Question.- 1. Calculate mentally and write the answer.

- a) If a brick cost Rs 1, then 500 bricks will cost \_\_\_\_\_.
- b) If the cost of a brick is Rs 2, then cost of 1000 bricks is Rs \_\_\_\_\_
- c) 3. If the cost of 1 brick is Rs 5, then cost of 2000 bricks is  
Rs \_\_\_\_\_
- d) If the cost of 1 brick is Rs 3, then cost of 4000 bricks is  
Rs \_\_\_\_\_
- e) If the cost of 1000 bricks is Rs 3000 then the cost of 1 brick is  
Rs \_\_\_\_\_
- f) If the cost of 2000 bricks is Rs 8000, then the cost of 1 brick is  
Rs \_\_\_\_\_
- g) If the cost of 200 bricks is Rs 600, then the cost of 1 brick is  
Rs \_\_\_\_\_

Question.-2 COMPLETE THE TABLE

Sl.No	Number of bricks	Cost of bricks	Number of bricks	Cost of bricks
1	1,000	Rs.6,000	500	Rs._____
2	2,000	Rs.18,000	1,000	Rs._____
3	6000	Rs.24000	3000	Rs._____

**Kendriya Vidyalaya Vijayapura**

**Class 4**

**Mathematics**

**Work sheet**

**Chapter 1 bulding with bricks**

**Topic:- Number Name**



Question:-1 write the number names for the following:-

- 1) 79070
- 2) 25292
- 3) 98605
- 4) 10046
- 5) 126345
- 6) 932547
- 7) 72836
- 8) 1627640
- 9) 1430985
- 10) 154765

Question:-2 write the following in figures :-

- 1) Seventy nine thousand thirty.
- 2) Four lakh forty six thousand five hundred two.
- 3) Nineteen lakh nine thousand nine hundred four.
- 4) Forty lakh twelve thousand forty five.
- 5) Five lakh sixty thousand six hundred twenty eight.