

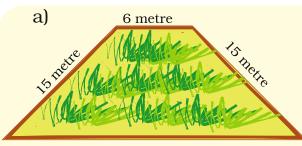






Practice Time

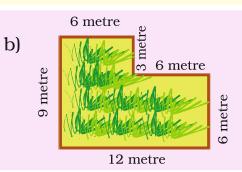
1. Here are pictures of some more fields. Find out which one has the longest boundary.

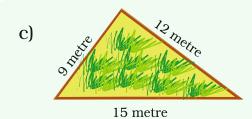


Boundary = _____ metre

24 metre

Boundary = _____ metre





Boundary = _____ metre

9 metre d) 15 metre Boundary = _____ metre 9 metre







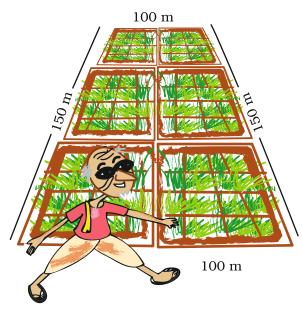












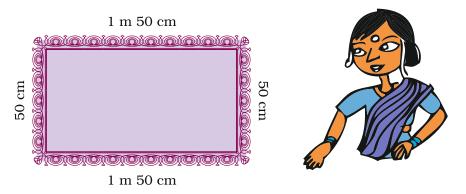
- 2. Chandu's father is called the 'young old man' in his village. At 70 years of age, he is fully fit. Do you know his secret? He goes for a walk around the field every morning. Everyday he takes four rounds of Chandu's field.
- * What is the total distance he covers?

$$4 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}} m = \underline{\hspace{1cm}} km$$

3. Ganpat's wife works in a tailor's shop. She has to fix lace around a table cloth.

She bought a 100 metre roll of lace.

* Look at the picture of the table cloth and tell how much lace is used for one table cloth. _____



- * How much lace will be used in 3 such table cloths? _____
- * How much lace will be left in the roll?_____















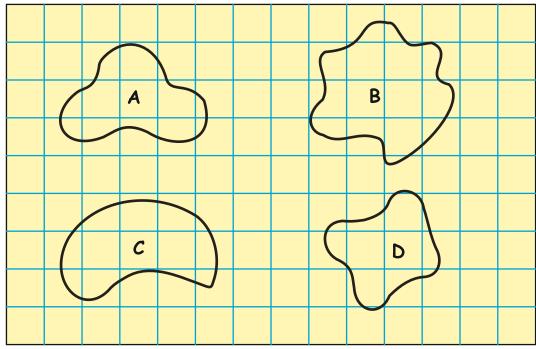






Activity

1. Find out the length of the boundary of these shapes. (Hint:-You can use a thread)



Now count the squares to find out:

- * How many squares are there in each shape?
- * Which shape covers the least number of squares?
- * Which shape covers the most number of squares?
- 2. Take a 20 centimetre long thread. Make different shapes by joining the ends. Place on the squared sheet on the next page. Find out:
- * How many squares are there in each shape?
- * Which is the biggest shape?
- * Which is the smallest shape?
- * How long is the boundary of each shape?

Children could be asked to ignore a square if it is less than half, but count it as 1 if is more than half. This will give them a feel for 'rounding off'.



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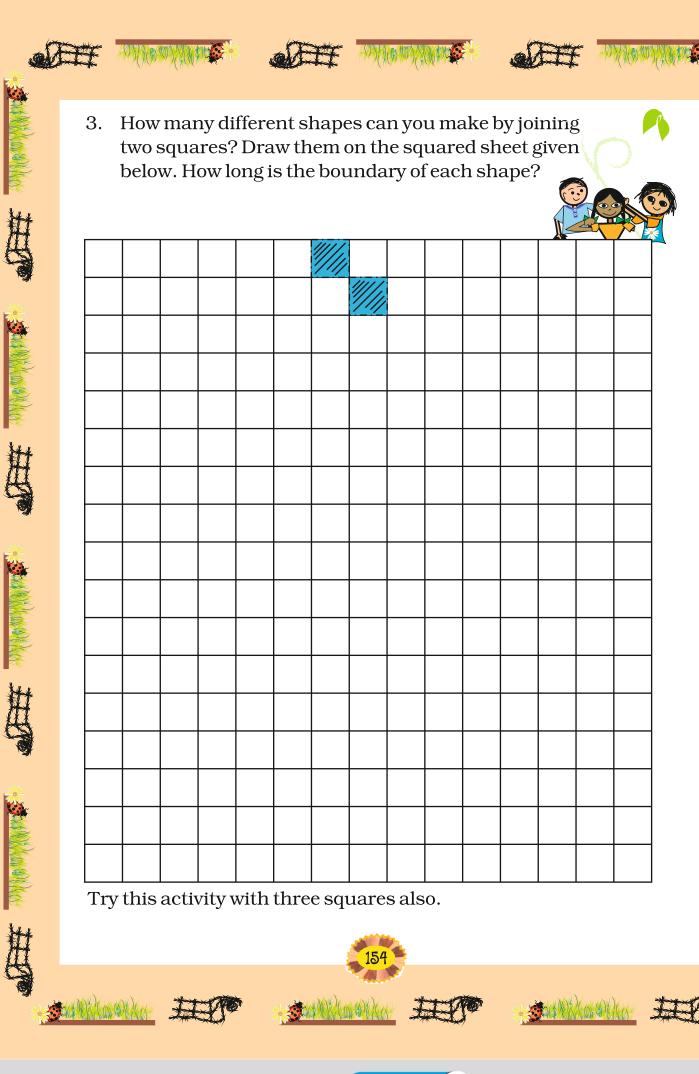












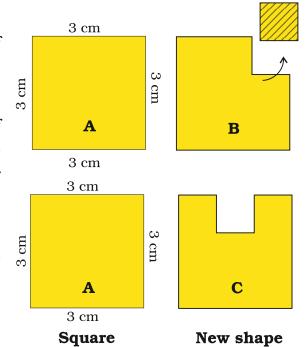




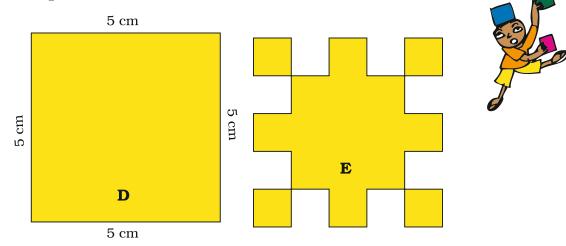


Practice Time

- 1. A square has a boundary of 12 cm.
- a) From the corner of this square, a small square of side 1 cm is cut off. Will the boundary of B be less or more? Find its length.
- b) If you cut a 1 cm square to get shape C, what will be the length of the boundary of C?



- 2. a) Find the length of the boundary of square D.
 - b) 8 squares of side 1 cm are cut out of the square D. Now it looks like shape E. What is the length of the boundary of shape E?



1 cm c) The boundary of this is ___ Can we also say that the boundary is 4×1 cm?



















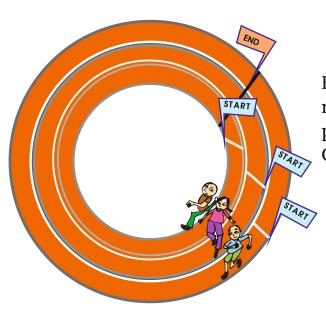




- A hockey field is 91 metres 40 cm long and 55 metres wide. How long is the boundary of the field?
- 4. Usha and Valsamma are running a race. Usha is running on the inner circle. Valsamma is running on the outer circle.

Valsamma runs faster than Usha. But still she loses the race. Can you guess why?_____





Have you seen any race where runners start from different places — like in this picture? Guess why?













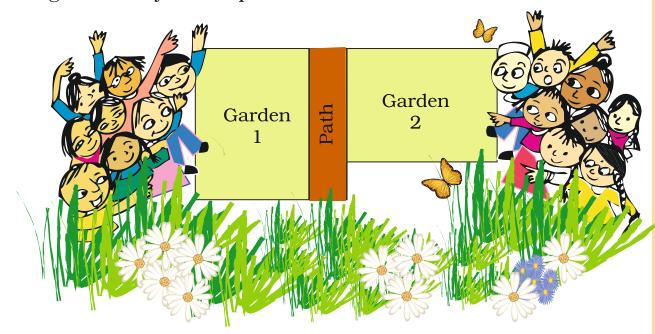






School Garden

The students of Class III and IV thought of making a vegetable garden. They chose a place which looked like this.



Students of both the classes thought that garden 1 was bigger. So both wanted to take garden 1. Suddenly Neetu said –



* How will Neetu find out if the two gardens are equally big?







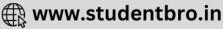


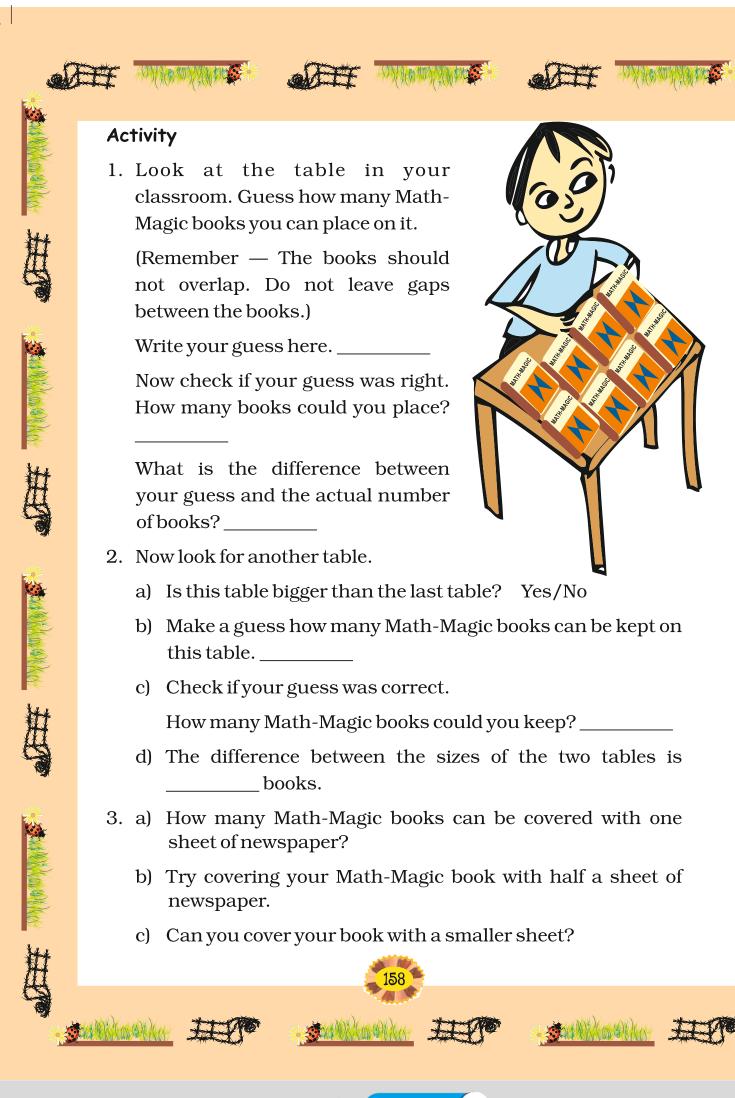










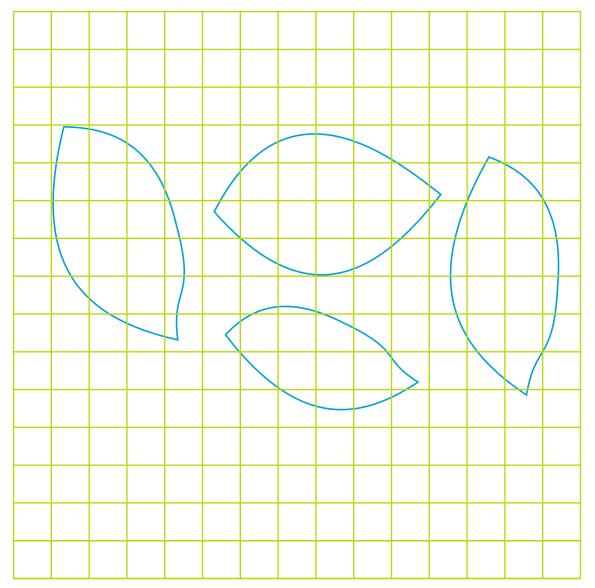








- d) Find the smallest sheet which can cover your book. Check if your friend used a smaller sheet than you did.
- 4. a) Which is the biggest leaf in this picture?



- b) Collect some leaves from the garden. Place each of them here on this squared sheet. Trace out their edges and check how many squares there are in each leaf.
- c) Which is the biggest leaf?
- d) Which is the smallest leaf?









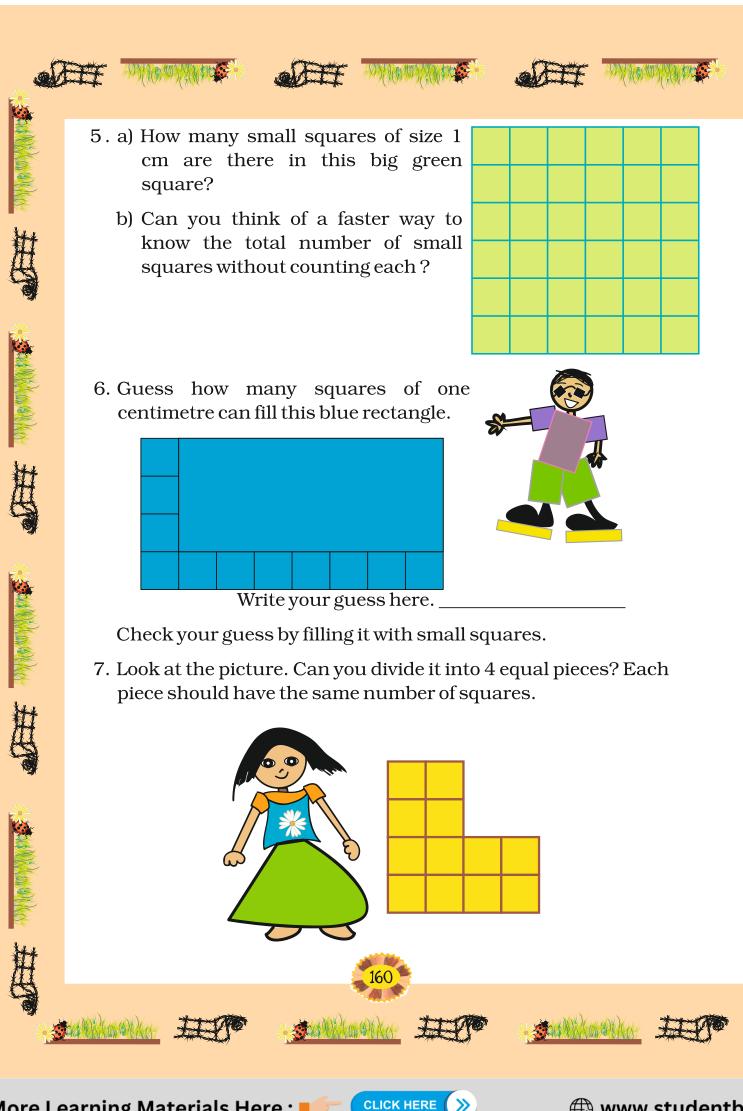
















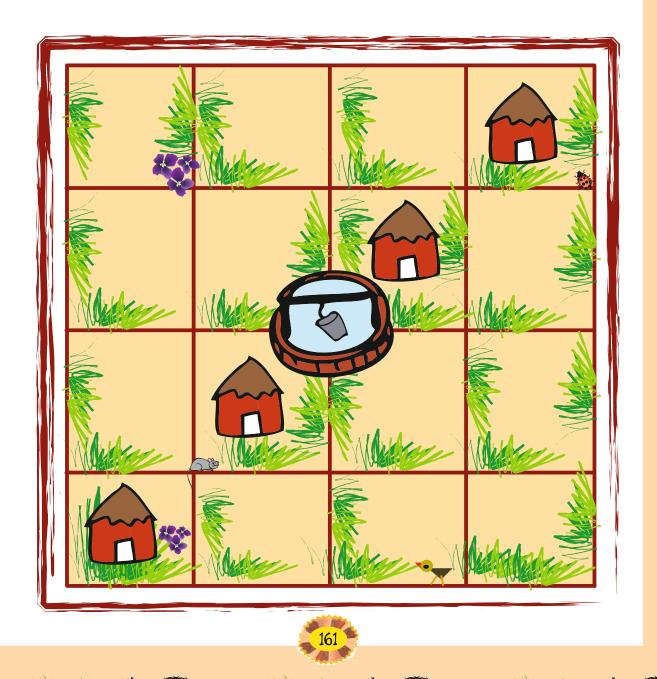


Puzzle: A House and the Well

Raghavan has a piece of land.

There are 4 houses on his land and in the middle there is a well. He wants to divide this land equally among his four children. Each should get one house and be able to use the well without entering the other's land. Can you help him divide the land?

Give different colours to each one's share.





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