



INDIAN SCHOOL DARSAIT DEPARTMENT OF MATHEMATICS



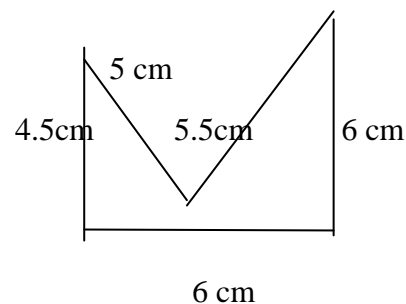
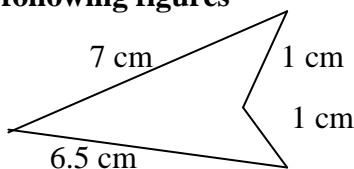
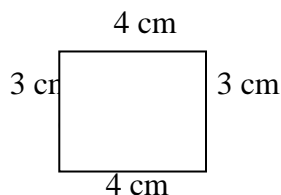
Subject : Mathematics	Topic10 :Mensuration	Date of Worksheet : 10/01/18
Resource Person:Mrs. Jobby P.	Date :	
Name of the Student : _____	Class & Division : VI	Roll Number : ____

Section A - Basic Skills

1 Fill in the blanks

- a. The sum of lengths of all sides of a polygon is called its _____.
- b. The area of a square with side 8 cm is _____sq cm.
- c. The perimeter of a rectangular cardboard with dimensions 15 cm by 10 cm is _____.
- d. The length of a 5 m wide room with area 35 sq m is _____.
- e. The perimeter of an equilateral triangle is 3 times _____.
- f. The perimeter of a regular hexagon is 60 cm. The length of each side is _____cm.

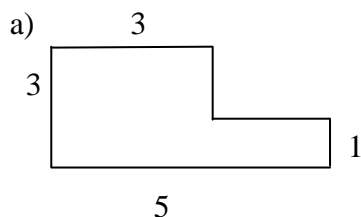
2 Find the perimeter of the following figures



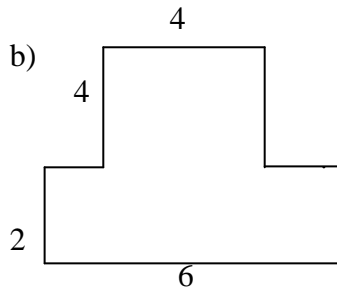
- i) _____ cm ii) _____ cm iii) _____ cm

3

Find the area of the following figures by splitting. (The measurements are given in cm)



Area = _____ sq cm



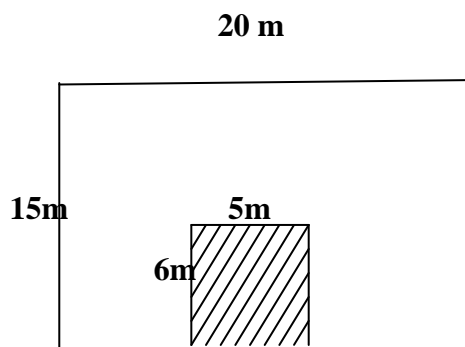
Area = _____ sq cm

Section B

- 4 Find the area of a square plot of side 15 m.
- 5 The area of a rectangular piece of cardboard is 56 sq cm. If its width is 7 cm, find its length.
- 6 Mrs. Jackson wants to put a wallpaper border along the top of the walls of her dining room. If the dining room measures 10m by 8m, how much border should she buy?
- 7 A conference hall is 12m long and 8m wide. How many square metres of carpet will be needed to cover the floor of the room?
- 8 Isabella is making a display board for the school trip. The rectangular display board is 5m by 3m. She needs to give a ribbon border around the board. What is the length of the ribbon she needs?

Section C- HOTS

- 9 A farmer wants to put fencing around his rectangular field of length 180m and breadth 120m. Find the cost of fencing at the rate of Rs. 15 per metre.
- 10 The front wall of a factory has to be painted. The area of the entrance as shown in the figure (shaded region) need not be painted. If the cost of painting is Rs. 50 per sq.metre, what will be the total cost of painting the wall?



- 11 Danny has a rectangular rose garden that measures 8m by 10m. One bag of fertilizer can cover 16 sq m. How many bags will be needed to cover the entire garden?
- 12 The area of a rectangular pool of length 20 m is 200 sq. metres. Find its perimeter.

