Math Worksheet Class VI
Mensuration

<u>Fill in the blanks:</u>

1. To calculate cost of flooring of the room we need to calculate its _____
2. Perimeter of regular octagon with side = 16 cm is _____.
3. 5m =_____ cm
4. If perimeter of regular pentagon is 100 cm, its side will be _____.
5. Distance covered along the boundary forming a closed figure is _____.
6. Perimeter of square = _____
7. Perimeter of regular pentagon = _____
8. Area of rectangle = _____
9. Area of square = _____

Solve the following

10. a. Find the area of rectangle whose length and breadth are
    - i. 35cm, 15cm   ii. 8m, 200cm   iii. 2.5m 500 cm
    b. Find the area of a square of side
    - i. 50m   ii. 18 cm   iii. 24Km
11. Find the perimeter of Isosceles triangle with equal sides 7cm and third side 5cm
12. Find the length of 10m wide room whose perimeter is 44m.
13. If the perimeter of regular hexagon is 21cm. find the length of its one side.
14. A wire is 48m long what will be the length of each side, if the wire is molded to form
    - (i) An Equilateral Triangle   (ii) A Square   (iii) A Regular Hexagon
15. Complete the following table:

Length	Breadth	Area	Perimeter
8cm			26cm
5m	3m		
	15cm	345 m sq	
	7cm	49 m sq	

16. The perimeter of a square is 42cm. Find its area

17. Four rectangular flower beds each of length 2m and width 1m are dug on a square piece of land with side 4m. What is the area of the remaining part of the land?
18. Alisha 'wants to cover the floor of a room 8m long and 5m wide with rectangular tiles. If each rectangular tile is of length 40cm and 10cm, then find the number of tiles required to cover the floor of the room?
19. What is the cost of tiling a rectangular piece of land 800m long and 200m wide at the rate of Rs. 8per hundred sqm?
20. What is the cost of paining a square shaped wall of side 5.5m at the rate of Rs. 100 per sq. m?
21. If the area of a rectangular plot is 396 sqm and its breadth is 18 m. Find the length of the plot and coast of fencing it at the rate of Rs. 7.50 per meter.
22. Ayaan runs around a square park of side 85m, Aryan runs around a rectangular part with length 80m and breadth 45m. Who covers less distance?
23. A room has rectangular floor of size 300m by 100m. A square carpet of side 8000cm is laid in the room find the area which is not carpeted?.
24. Manoj wants to cover the floor of a room 3 m wide and 4 m long by square tiles. If each square tile is of side 0.5 m, then find the number of tiles required to cover the floor of the room.