

# St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2024-2025 - Worksheet

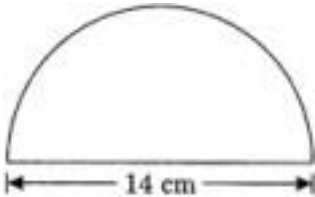
Class: VII

Subject: Maths

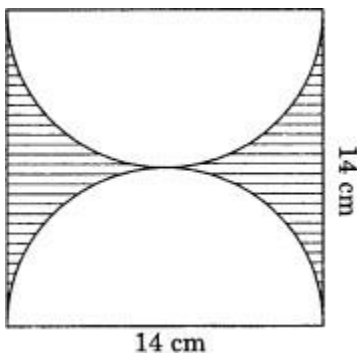
Topic: Perimeter & Area

Worksheet No:26

- Q1. Find the area of a rectangular plot whose one side is 48m and diagonal is 50m.
- Q2. A grassy plot is 80m by 60m. Two cross roads each of width 4m are constructed at right angles through the centre of the field, running parallel to the sides of rectangle. Find the total area of road and the remaining part of plot
- Q3. A wire is in the shape of rectangle. Its length is 40cm and breadth is 22cm. If the same wire is rebent in the shape of a square. What will be the measure of its each side.
- Q4. The perimeter of a circle is 176 cm, find its radius.
- Q5. Find the perimeter of the figure given below.



- Q6. A rectangular grassy lawn measuring 40 m by 25 m is to be surrounded externally by a path which is 2 m wide. Calculate the cost of leveling the path at the rate of Rs 8.25 per square meter.
- Q7. Find the altitude of a parallelogram whose area is  $54\text{m}^2$  and base is 12 m.
- Q8. The breadth of a rectangular garden is 23 of its length. If its perimeter is 40 m, find its dimensions.
- Q9. Find the area of the shaded portion in the figure given below.



- Q10. The base of a parallelogram is thrice its height. If the area is  $897\text{ sq.cm}$ . Find the base and height of the parallelogram.