

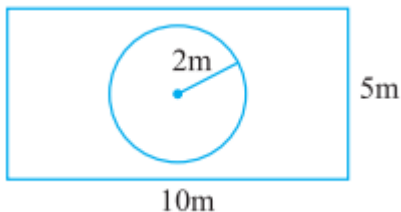
ATOMIC ENERGY EDUCATION SOCIETY

WORKSHEET ON MODULE 2/2 OF PERIMETER AND AREA

1. What is the circumference of the circular disc of radius 14 cm ?
2. If the circumference of the circle is 132 m . Then calculate the radius and diameter
3. A ground is in the form of a circle whose diameter is 350 m . An athlete makes 4 revolutions. Find the distance covered by the athlete.
4. Find the area of a hula loop whose diameter is 28 cm
5. A park is circular in shape. The central portion has playthings for kids surrounded by a circular walking pathway. Find the walking area whose outer radius is 10 m and inner radius is 3 m .
6. A picture of length 23 cm and breadth 11 cm is painted on a chart, such that there is a margin of 3 cm along each of its sides. Find the total area of the margin.
7. Four circles are drawn side by side in a line and enclosed by a rectangle as shown below.



- (i) The area of the rectangle.
 - (ii) The area of each circle.
 - (iii) The shaded area inside the rectangle
8. The adjoining figure represents a rectangular lawn with a circular flower bed in the middle.



- Find: (i) the area of the whole land
(ii) the area of the flower bed
(iii) the area of the lawn excluding the area of the flower bed
(iv) the circumference of the flower bed