

Areas Related to Circles : Worksheet -1

1. If the diameter of a circle is 7 cm, its circumference is _____
2. If the circumference of a circle is 88 cm, its diameter is _____
3. The exact value of Π is _____
4. The perimeter of a semicircle of radius 'r' is _____
5. The perimeter of a semicircle is 144 cm. Its radius is _____
6. The circumference of a circle is 88 cm. then _____ is the length of the arc containing a central angle of 135° .
7. The angle at the centre of the circle is _____
8. The floor of a room is a square of side 's' and its height is 'h' The total area of its four walls is _____
9. The perpendicular sides of a right-angled triangle are 'a' and 'b'. Its area is _____
10. The area of a quadrilateral is _____
11. In a circle, $\frac{\text{Circumference}}{\text{Diameter}} = \text{_____}$
12. A _____ is a set of points in a plane which are equidistant from a fixed point in that plane.
13. The distance between the centre of the circle and any point on the circle is called its _____
14. The line segments joining any two points on a circle is called _____ of the circle.
15. A chord passing through the centre of circle is called a _____ of the circle.
16. The longest chord of a circle is its _____
17. Area of a semicircle with radius 'r' cm is _____

