

### Area and Perimeter: Worksheet -6

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  $\pi$  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  $135^\circ$ .
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 \_\_\_\_\_

