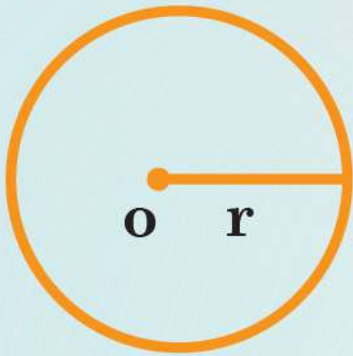
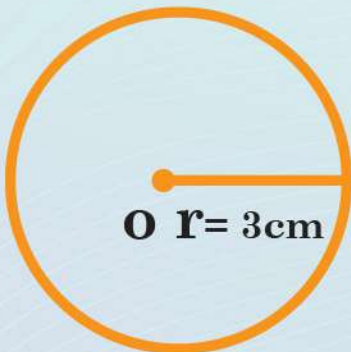


## Circle Facts



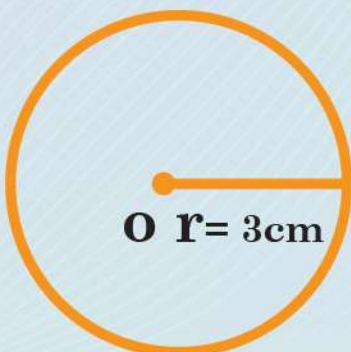
- A circle contains all points an equal distance from a central point, or center of the circle
- A circle has no corners or straight lines
- The outside, or perimeter, is called the circumference.
- The widest part of a circle is called the diameter
- Half of a diameter is known as a radius

**Area:** Square units of space inside a shape.



$$\begin{aligned}\text{Area, } A &= \pi r^2 \\ &= 3.1416 \times (3)^2 \\ &= 28.2744 \\ &= 28.27 \text{ square cm}\end{aligned}$$

**Perimeter / Circumstance:** The distance around a Shape.



$$\begin{aligned}\text{Circumstance, } C &= 2 \pi r \\ &= 2 \times 3.1416 \times 3 \\ &= 18.8496 \\ &= 18.85 \text{ cm}\end{aligned}$$

