

Class-5

Subject- Mathematics,

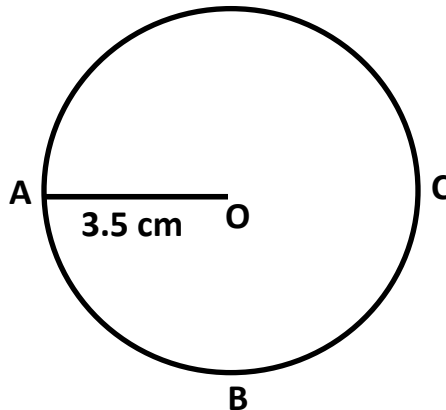
Chapter- Geometry

Circle

Lecture-2(Solution)

1.

3.5 cm

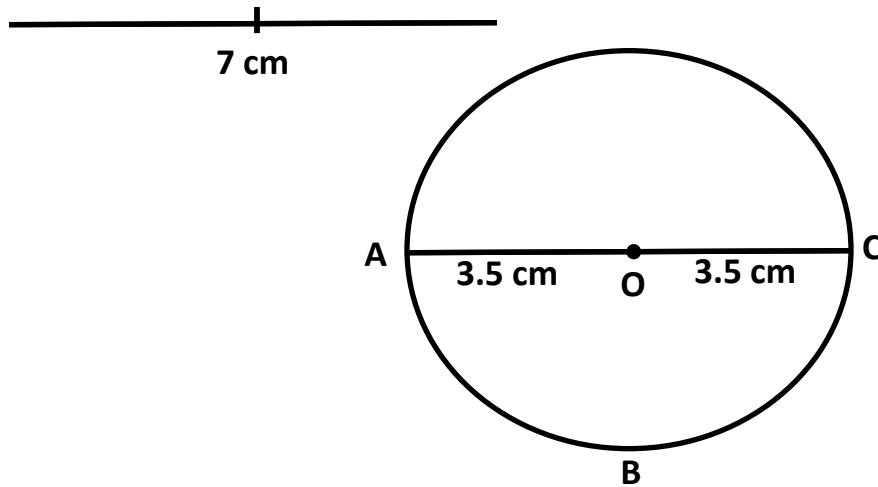


Here, ABC is the circle. OA is the radius and $OA = 3.5$ cm.

Characteristics:

1. It is a completely round figure.
2. Each and every point on a circle is equidistance from its centre.
3. Its diameter is 2 times of its radius.

2.



Here, ABC is the circle. AC is the diameter and $AC = 7$ cm. OA is the radius and $OA = 3.5$ cm.

3.

Circle: A circle is a closed curved line in which all the points on the curve are in the same distance from the centre.

Circumference: A curved line that bound a circle is called circumference.

Arc: Arc is the part of the circumference.

Radius: Radius is the distance from the centre to the circumference. Radius is half of diameter.

Chord: Chord is a line segment that connects two endpoint of an arc.

Diameter: Diameter is a chord that passes through the centre. Diameter is the largest chord of circle. Diameter is 2 times of radius.