

Maths - 10th Class Mathematics English Medium Chapter 7 Preparation

Q1. Define vertex.

Ans 1: The common end point of arms that form an angle is called vertex.

Q2. Define degree.

Ans 1: The angle subtended at the centre of the circle by one arc is called one degree.

Q3. In a circle of radius 10m, find the length of an arc intercepted by a central angle of 60° .

Ans 1:

Q4. What is initial side of an angle ?

Ans 1: If we make an angle by rotating a ray from one position to another, when we form an angle in this way, the original position of the ray is called initial side of the angle.

Q5. Define arms of an angle.

Ans 1: The rays that form an angle are called arms of an angle

Q6.

Ans 1:

Q7. Define segment of a circle.

Ans 1: A part of the circle bounded by an arc and a chord is called segment of a circle.

Q8. Convert 15° into radian measure.

Ans 1:

Q9. Define coterminal angle.

Ans 1: Two or more than two angles with the same initial and terminal sides are called coterminal angles.

Q10. Convert $25^{\circ}30'$ to decimal degrees.

Ans 1:
