Maths - 10th Class Mathematics English Medium Chapter 8 Preparation

Q1. Define arms of an angle.

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

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Q2. Define radian.

Ans 1: The angle subtended at the centre of the circle by an arc, whose length is equal to the radius of the circle is called one radian.

Q3. Find the area of the sector of a circle of radius 16cm if the angle at the centre in 60°

Ans 1:

Q4.

Ans 1:

Q5. Convert 45.36° to D° M'S" from.

Ans 1:

Q6. Convert 12°23'35" to decimal degrees correct to three decimal places.

Ans 1:

Q7. Define degree.

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

Q8. Define angle in standard position.

Ans 1: A general angle is said to be in standard position if its vertex is at the origin and its initial side is directed along the positive direction of the x-axis of a rectangular coordinate system.

Q9. How are draw angle in negative measure ?

Ans 1: If the rotation of the ray is clock wise, the angle has negative measure.

Q10. 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.