

Maths - 10th Class Mathematics English Medium Chapter 7 Preparation

Q1. Define quadrants.

Ans 1: The x-axis and y-axis divides a plane in four regions, called quadrants.

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 1.6 radian.

Ans 1:

Q4. 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.

Q5.

Ans 1:

Q6. Convert $12^{\circ}23'35''$ to decimal degrees correct to three decimal places.

Ans 1:

Q7. Find the values $\cos 540^{\circ}$ without using table or calculator.

Ans 1:

Q8. Convert 15° to radians.

Ans 1:

Q9.

Ans 1:

Q10. What are circular or trigonometric functions ?

Ans 1:
