

Maths - 10th Class Mathematics English Medium Chapter 7 Preparation

Q1. How we draw angle in positive measure ?
Ans 1: If the rotation of the ray is anti-clock wise, the angle has positive measure.
Q2. Convert 15° into radian measure.
Ans 1:
Q3. 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.
Q4. In a circle of radius 10m, find the length of an arc intercepted by a central angle of 1.6 radian.
Ans 1:
Q5. How we denote a degree, a minute and a second ?
Ans 1: The symbol 1°, 1' and 1" are used to denote a degree, a minute and a second respectively.
Q6. Convert 25°30' to decimal degrees.
Ans 1:
Q7. How many minutes are in two right angles ?
Ans 1: There are (10800)' in two right angles.
Q8. Find the values cos 540° without using table or calculator.
Ans 1:
Q9.

Ans 1:			

Q10. 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.