Maths (New Book) - 10th Class Mathematics English Medium Chapter 7 Preparation

Q1. Find the distance traveled by a cyclist moving on a circle of radius 15m, if he makes 3.5 revolution.

Ans 1:

Q2. How are draw angle in negative measure ?

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

Q3. How we draw angle in positive measure ?

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

Q4. Define quadrants.

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

Q5. Define radian measure of an angle.

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.

Q6. Convert 124°22' into radian.

Ans 1:

Q7. 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.

Q8. Define degree.

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

Q9.

Ans 1:

Q10.

Ans 1: