

## 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. How are draw angle in negative measure ?

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

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Q3. Convert  $15^\circ$  into radian measure.

**Ans 1:**

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Q4.

**Ans 1:**

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Q5. How we denote a degree, a minute and a second ?

**Ans 1:** The symbol  $1^\circ$ ,  $1'$  and  $1''$  are used to denote a degree, a minute and a second respectively.

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Q6. Define arc.

**Ans 1:** A part of the circumference of a circle is called an arc.

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Q7. In a circle of radius 10m, find the length of an arc intercepted by a central angle of 1.6 radian.

**Ans 1:**

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Q8. Define vertex.

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

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Q9.

**Ans 1:**

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Q10. What is terminal side ?

**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 final position of the ray is called terminal side of an angle.

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