

## Maths - 10th Class Mathematics English Medium Chapter 13 Short Questions Test

Q1. Define diameter of a circle.

**Ans 1:** A chord passing through the centre of the circle is called a diameter of the circle.

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Q2. Define centre of a circle.

**Ans 1:** The perpendicular bisectors of two non-parallel chords of a circle intersecting at a point is known as centre of circle.

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Q3. What is secant of a circle ?

**Ans 1:** A line which has two distinct points in common with a circle is called a secant line.

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Q4. Define sector of a circle.

**Ans 1:** The circular region bounded by an arc of a circle and any two radial segments is called the sector of a circle.

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Q5. What is escribed circle ?

**Ans 1:** The circle touching one side of the triangle externally and two produced sides internally is called escribed circle.

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Q6. The length of each side of a regular octagon is 3cm. Measure its perimeter.

**Ans 1:**

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Q7. What is an arc of a circle ?

**Ans 1:** Any portion or part of a circle is called an arc of the circle.

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Q8. The length of the side of a regular pentagon is 5cm what is its perimeter ?

**Ans 1:**

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Q9. What is chord ?

**Ans 1:** The line joining the two points of circle is called chord.

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Q10. What is meant by geometry ?

**Ans 1:** Geometry means measurement of the earth of land.

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