

General Maths - 10th Class General Math English Medium Chapter 6 Short Question

Q1. What are radii of the circle?

Ans 1: All the points on the curved path are at a constant distance from the center and their distances are called radii of the circle.

Q2. Draw a circle of radius 2cm with center O. Draw a chord and shade the portion showing major arc.

Ans 1:

Q3. Draw a semi circle with diameter 4cm and center at O.

Ans 1:

Q4. Arc the angle bisectors of a triangle meet at a point?

Ans 1: The angle bisectors of a triangle are concurrent, that is they meet at a point.

Q5. Draw a rectangle whose one side is 8cm and the length of each diagonal is 10cm.

Ans 1:

Q6.

Ans 1:

Q7. What is meant by transverse common tangent or internal tangent?

Ans 1: If the center of two circle lies either side of the common tangent then it is called transverse common tangent or internal tangent.

Q8. What is the perpendicular bisector of the side of a triangle?

Ans 1: A line segment which bisects any side of a triangle and make a right angle with the side at its midpoint is called the perpendicular bisector or the right bisector of the side of a triangle.

Q9. What is meant by the altitude of a triangle?

Ans 1: An altitude of a triangle is the line segment from a vertex of the triangle, perpendicular to the opposite side. Clearly, every triangle has three altitudes, one from each vertex.

Q10. Are the altitudes of a triangle meet at a point?

Ans 1: The altitudes of a triangle are concurrent, that is they meet at one point.
