

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

Q1. What is the difference between tangent line and point of tangency of a circle?

Ans 1:

Q2. Define the angle bisector of a triangle.

Ans 1: An angle bisector of a triangle is a line segment that bisects an angle of the triangle and has its other end on the side opposite to that angle.

Q3. 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.

Q4.

Ans 1:

Q5. Draw an equilateral triangle with length of each side 6cm.

Ans 1:

Q6. Define direct common tangent or external tangent.

Ans 1: If the point of contact of a common tangent to the two circles are on the same side of the line joining their centers, then this common tangent is called direct common tangent or external tangent.

Q7. Draw a semi circle with diameter 4cm and center at O.

Ans 1:

Q8. Construct a rectangle whose adjacent sides are 4cm and 3cm.

Ans 1:

Q9. 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.

Q10. What is meant by transverse common tangent or internal tangent?

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