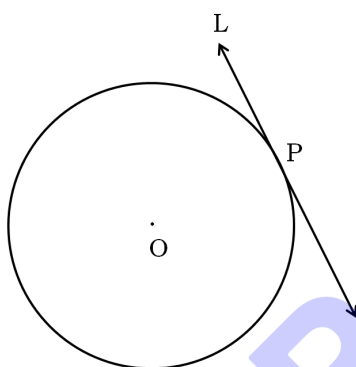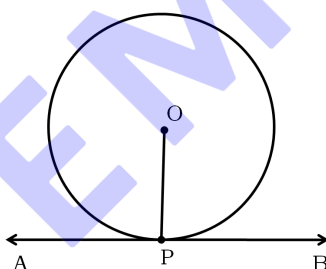# Circles - Points to Remember
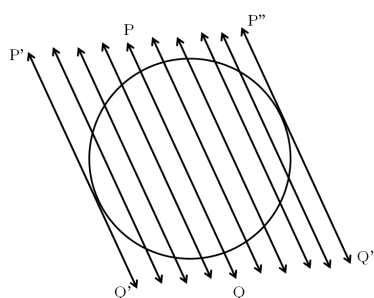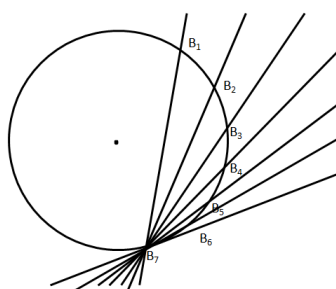
1. Tangent of a Circle:

(i) A tangent to a circle is a line that touches the circle at only one point.

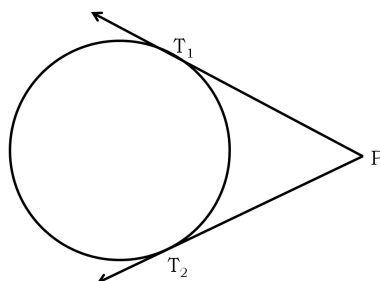(ii) Tangent to a circle at a point is perpendicular to the radius through the point of contact.

(iii) The tangent to a circle is a special case of the secant, when the two end points of its corresponding chord coincide.

3. Number of Tangents to a Circle:

(i) From a point on the circle only one tangent can be drawn.

(ii) From a point, lying outside a circle, two and only two tangents can be drawn to it.

4. The lengths of the two tangents drawn from an external point to a circle are equal.