Activat
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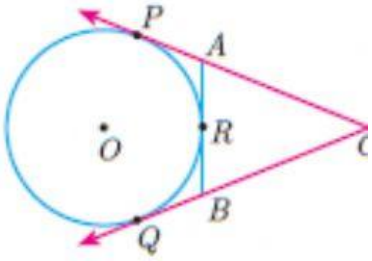
12. How many tangents can be drawn to the circle from an exterior point?

(1) one (2) two (3) infinite (4) zero

13. The two tangents from an external points P to a circle with centre at O are PA and PB. If $\angle APB = 70°$ then the value of $\angle AOB$ is

(1) $100°$ (2) $110°$ (3) $120°$ (4) $130°$

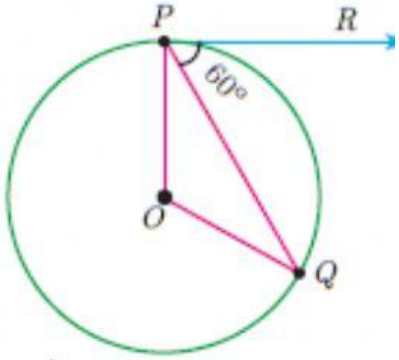
14. In figure CP and CQ are tangents to a circle with centre at O. ARB is another tangent touching the circle at R. If $CP = 11$ cm and $BC = 7$ cm, then the length of BR is



(1) 6 cm (2) 5 cm

(3) 8 cm (4) 4 cm

15. In figure if PR is tangent to the circle at P and O is the centre of the circle, then $\angle POQ$ is



(1) $120°$ (2) $100°$

(3) $110°$ (4) $90°$