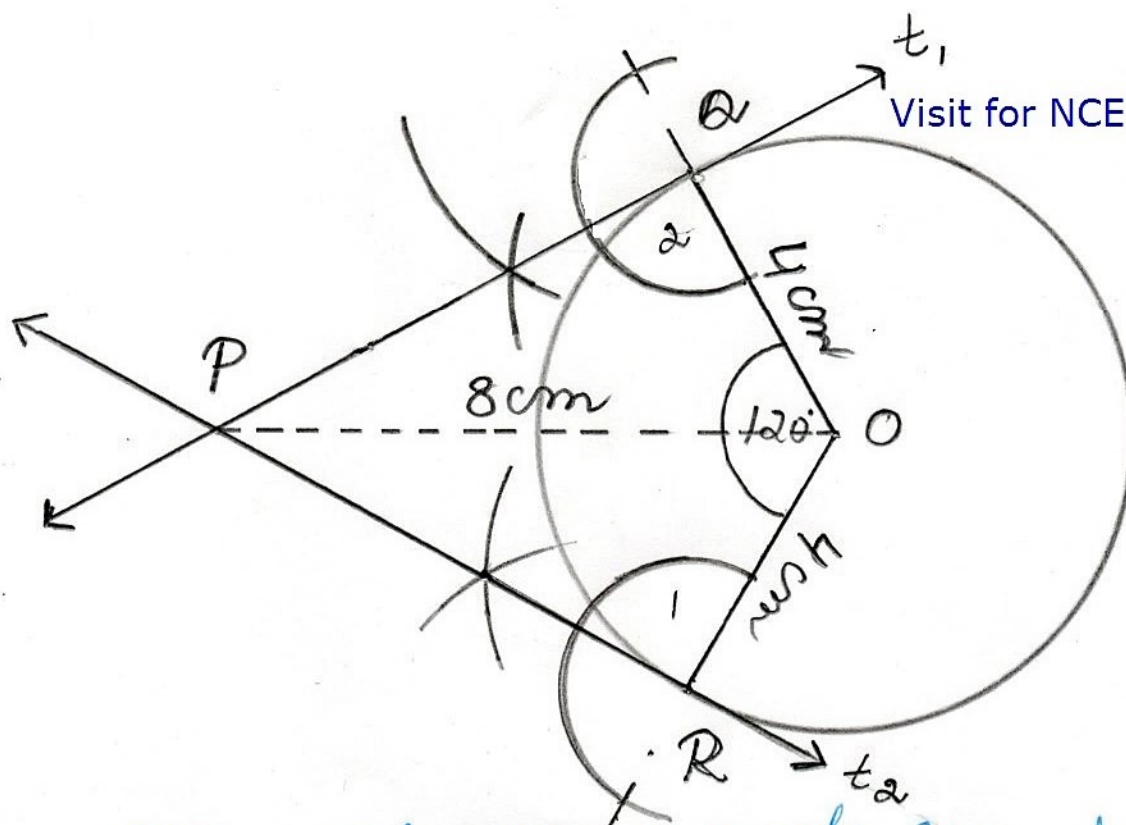




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$\angle QOR = 120^\circ$ (using angle sum property of \square and $\angle 1 = \angle 2 = 90^\circ$, angle between radius and tangent at point of contact)

Steps

- ① draw \odot of radius = 4 cm
- ② draw $\angle QOR = 120^\circ$
- ③ $t_1 \perp OQ$ and $t_2 \perp OR$ intersecting each other at P
- ④ PQ, PR are required tangents.