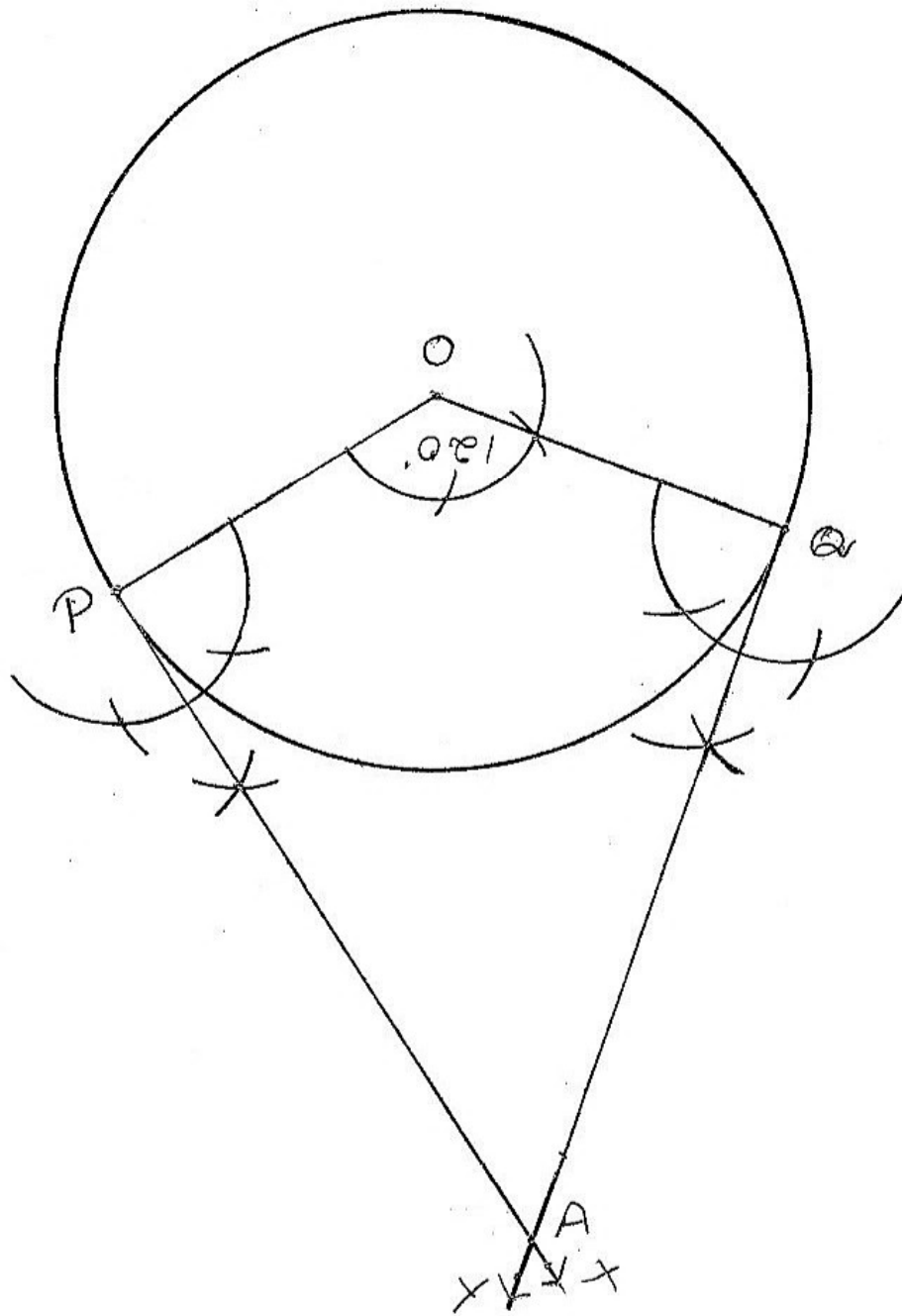


NCERT Solutions by Dev Anoop (Bathinda)  
Constructions Ex. 11.2, Q. 4



Steps

- ① draw a  $\odot$  of radius = 5cm
- ② draw  $\angle POQ = 120^\circ$
- ③ draw  $PX \perp OP$  and  $QX \perp OQ$ ,  $PX$  and  $QX$  intersecting each other at  $A$
- ④  $AP$  and  $AQ$  are required tangents  
 $\angle PAQ = 60^\circ$