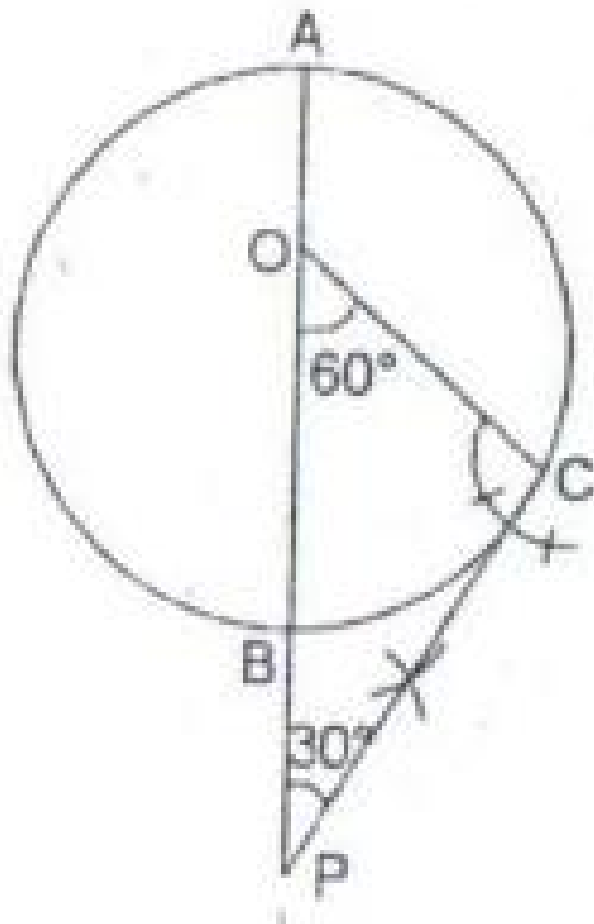




Exercise 13B

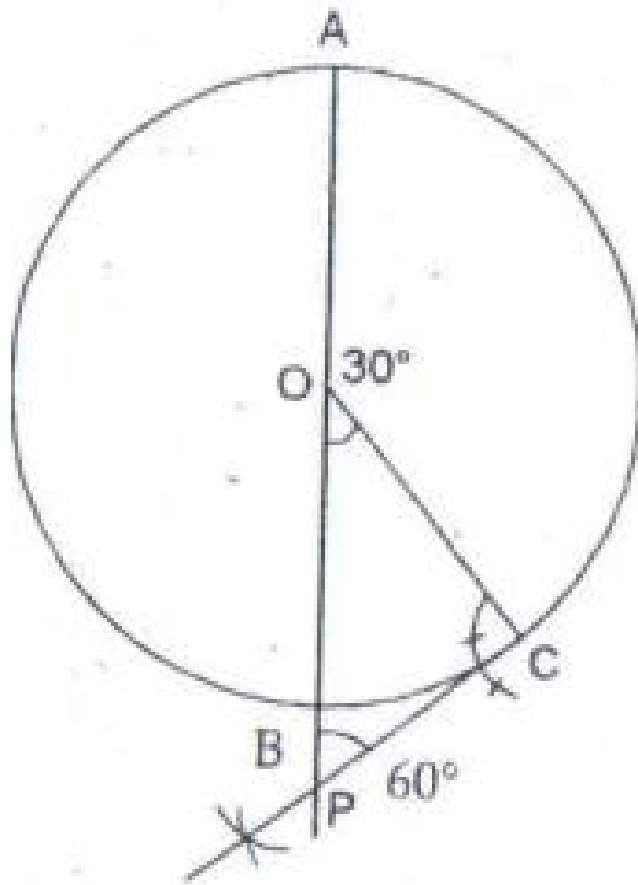
Question 7:



Steps of construction:

- (i) A circle of radius 3 cm with centre O is drawn.
- (ii) A radius OC is drawn making an angle of 60° with the diameter AB.
- (iii) At C, $\angle OCP = 90^\circ$ is drawn.
CP is required tangent.

Question 8:



Steps of construction :

- (i) Draw a circle of radius 4 cm with centre O.
- (ii) With diameter AB, a line OC is drawn making an angle of 30° i.e., $\angle BOC = 30^\circ$
- (iii) At C a perpendicular to OC is drawn meeting OB at P.
PC is the required tangent.

***** END *****