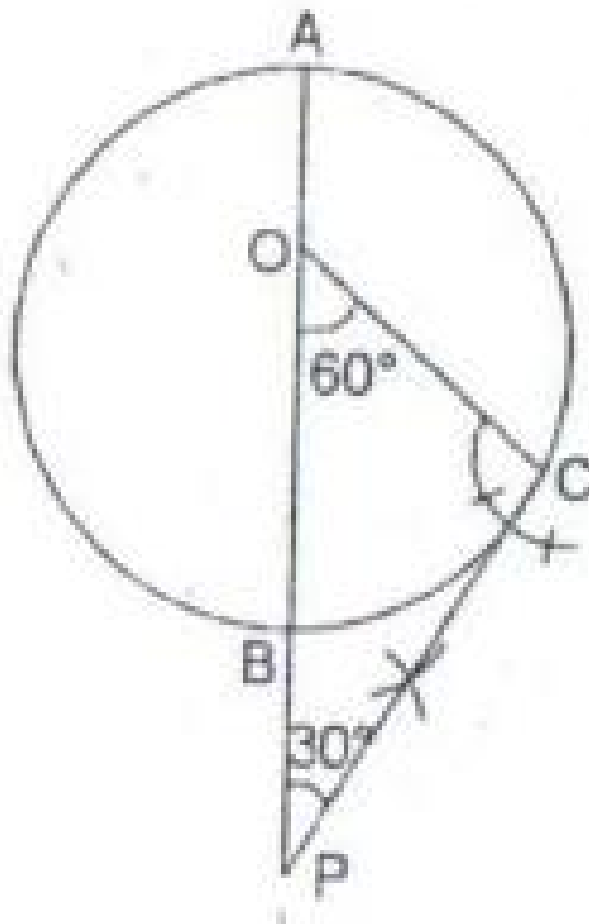




### Exercise 13B

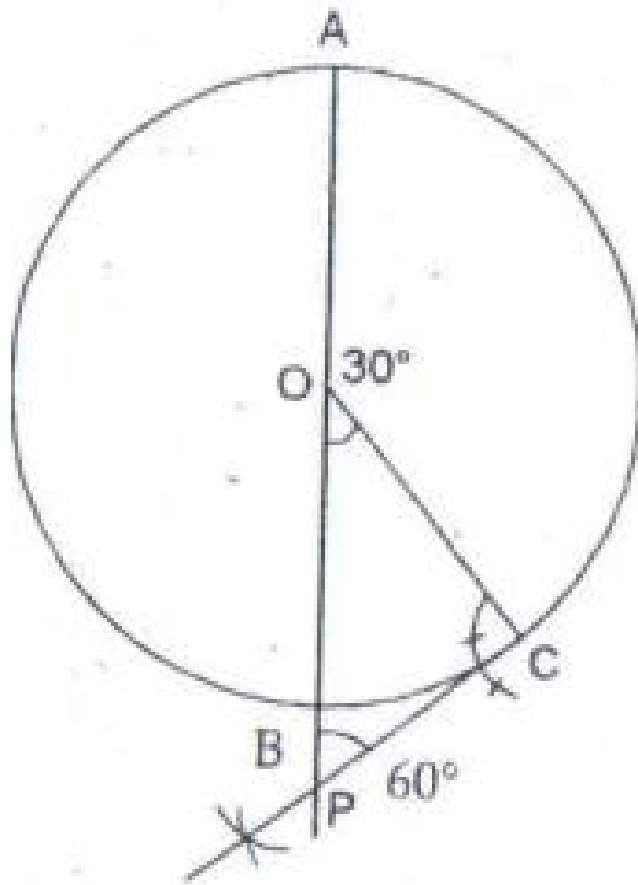
Question 7:



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  $60^\circ$  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  $30^\circ$  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 \*\*\*\*\*