

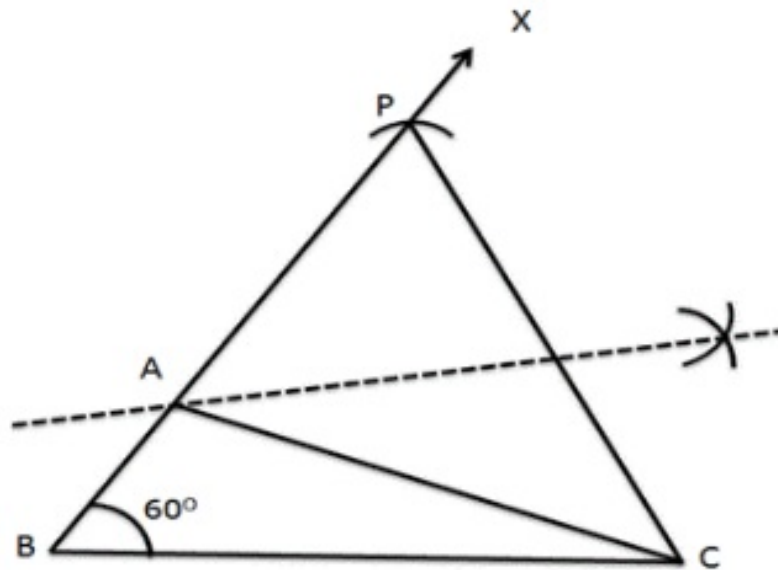


### Exercise 12A

Question 13:

Steps of Construction:

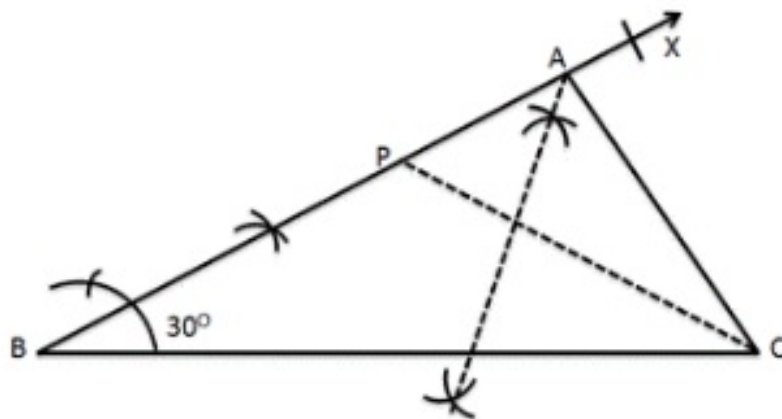
- (i) Draw  $BC = 4.5$  cm.
- (ii) Construct  $\angle CBX = 60^\circ$
- (iii) Along  $BX$  set off  $BP = 8$  cm.
- (iv) Join  $CP$ .
- (v) Draw the perpendicular bisector of  $CP$  to intersecting  $BP$  at  $A$ .
- (vi) Join  $AC$ .  $\therefore \triangle ABC$  is the required triangle.



Question 14:

Steps of Construction:

- (i) Draw  $BC = 5.2$  cm.
- (ii) Construct  $\angle CBX = 30^\circ$
- (iii) Set off  $BP = 3.5$  cm.
- (iv) Join  $PC$ .
- (v) Draw the right bisector of  $PC$ , meeting  $BP$  produced at  $A$ .
- (vi) Join  $AC$ .  $\therefore \triangle ABC$  is the required triangle.



\*\*\*\*\* END \*\*\*\*\*

