

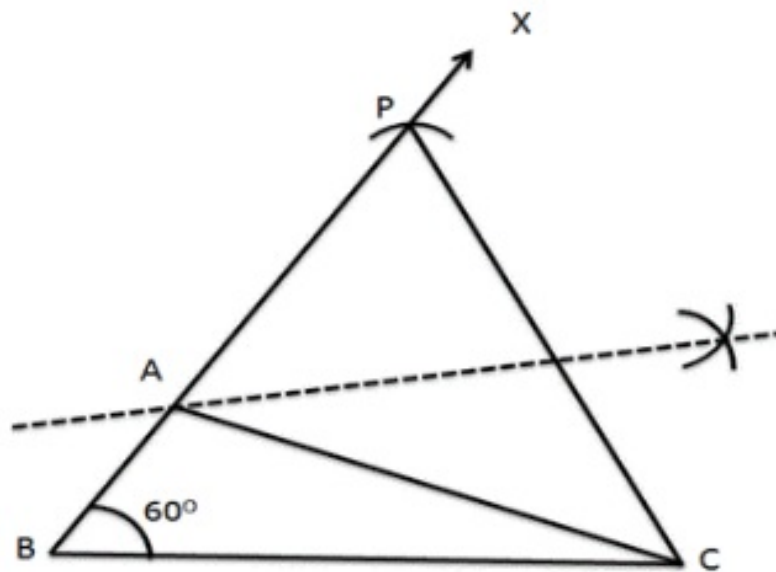


Exercise 12A

Question 13:

Steps of Construction:

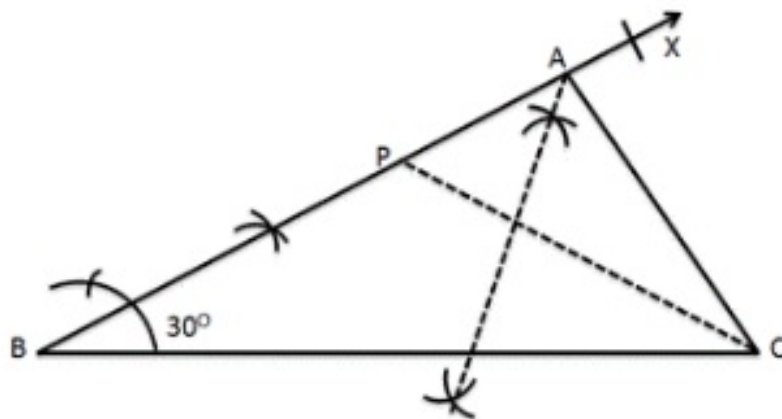
- (i) Draw $BC = 4.5$ cm.
- (ii) Construct $\angle CBX = 60^\circ$
- (iii) Along BX set off $BP = 8$ cm.
- (iv) Join CP .
- (v) Draw the perpendicular bisector of CP to intersecting BP at A .
- (vi) Join AC . $\therefore \triangle ABC$ is the required triangle.



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 *****

