



Exercise 12A

Question 7:

Steps of Construction :

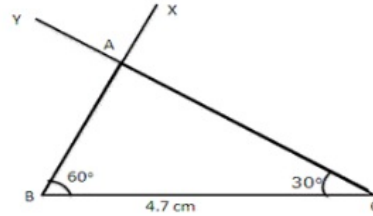
(i) Draw a line segments $BC = 4.7$ cm.

(ii) At B draw $\angle XBC = 60^\circ$

(iii) AT C draw $\angle YCB = 30^\circ$.

Let XB and YC intersect at A.

$\therefore \triangle ABC$ is the required triangle.



Question 8:

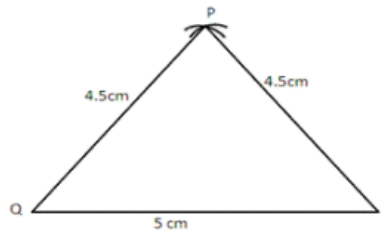
Steps of Construction :

(i) Draw a line of segment $QR = 5$ cm which is the base..

(ii) With centre Q and radius equal to 4.5 cm, draw an arc.

(iii) With centre P and same radius draw another arc which cuts the previous arc at P.

(iv) Join PQ and PR. $\therefore \triangle PQR$ is the required isosceles triangle.



***** END *****