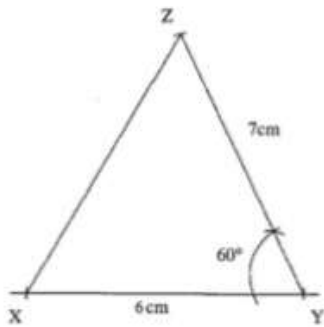




**Translated by- Mr Anjana
Ke/Dehi/ Waharaka Vidyalaya**

Step 2: Mark a straight line segment XY of length 6cm on one side of the angle, and a straight line segment YZ of length 7cm on the other side of the angle. (See the figure)

Step 3: Complete the triangle XYZ by joining XZ.



3. When the magnitudes of two angles and the length of a side are given Construct the triangle ABC such that AB = 6.2cm,

$$\underline{\hat{A}BC = 60^\circ}$$

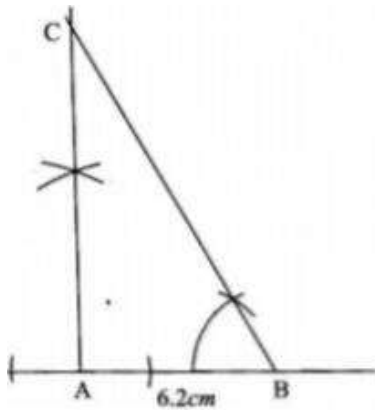
$$\underline{\hat{B}AC = 90^\circ}$$

Step 1: Construct a straight line segment of length 6.2 cm and name it AB.

Step 2: Construct the angle at the point B, such that $\underline{\hat{A}BC = 60^\circ}$

Step 3: Construct the angle at the point A, such that $\underline{\hat{B}AC = 90^\circ}$

Step 4: Name the intersection point of BC and AC as C. Then ABC is the required triangle.



Do all the questions in the exercise 28.2 (pages 123,124)