

Pracise

Chapter 10 - Practically Geometry (:- :- :-)

- 1) Construct a triangle ABC, given that $AB = 5 \text{ cm}$, $BC = 6 \text{ cm}$ and $AC = 7 \text{ cm}$.
- 2) Construct a triangle PQR given that $PQ = 3 \text{ cm}$, $QR = 5.5 \text{ cm}$ and $\angle PQR = 60^\circ$
- 3) Construct $\triangle XYZ$ if it is given that $XY = 6 \text{ cm}$, $m\angle ZXY = 30^\circ$ and $m\angle XZY = 100^\circ$
- 4) Construct $\triangle LMN$, right-angled at M, given that $LN = 5 \text{ cm}$ and $MN = 3 \text{ cm}$
- 5) Construct an isosceles triangle with $\angle Q = 60^\circ$ and ~~$PQ = QR = 5.5 \text{ cm}$~~
 $PQ = QR = 5.5 \text{ cm}$
- 6) Construct a right angled triangle whose hypotenuse is 6 cm long and one of the side is 4 cm long.
- 7) Construct $\triangle PQR$ such that $PQ = 5 \text{ cm}$, $\angle P = 50^\circ$, $\angle Q = 60^\circ$
Also measure $\angle R$.