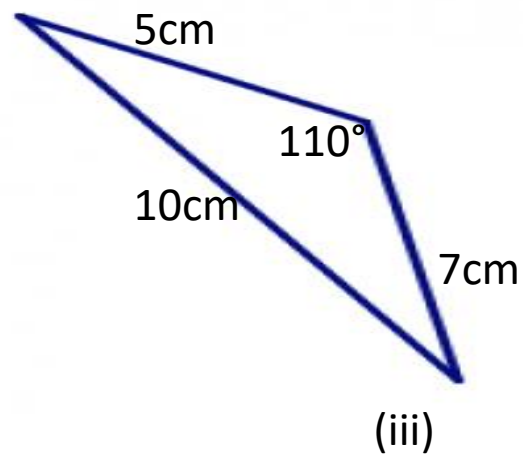
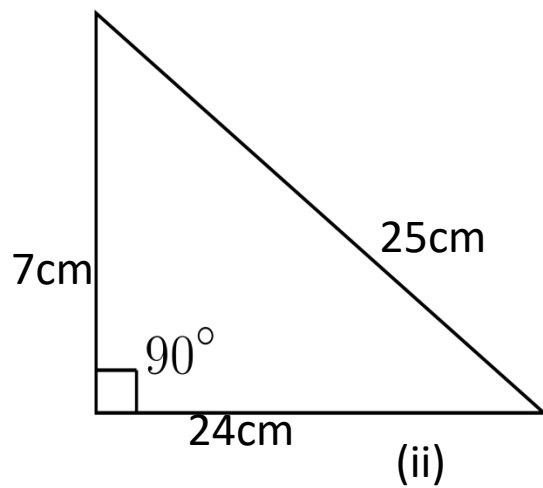
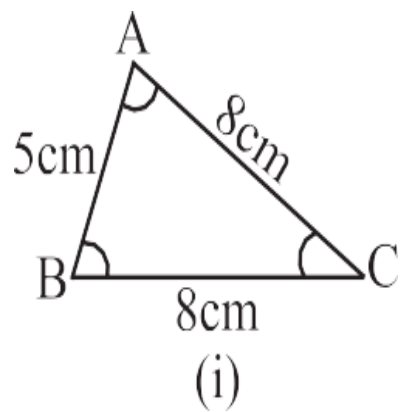
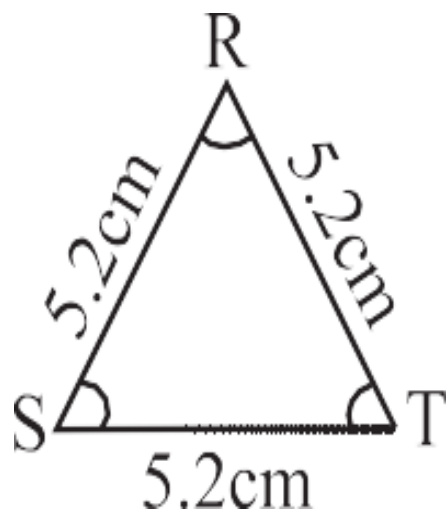


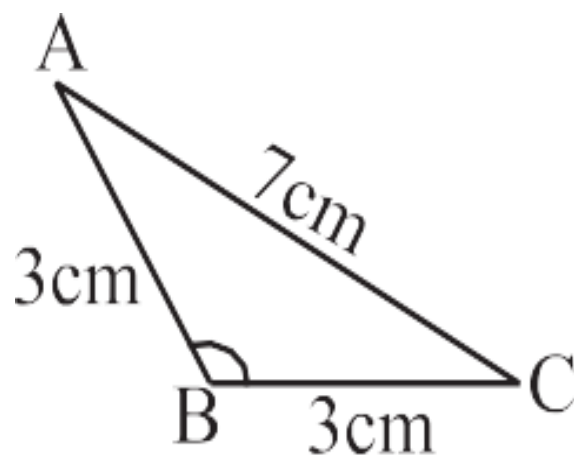
Worksheet-1

- 1. Write the six elements of $\triangle ABC$.
- 2. Write the
 - (i) Side opposite to the vertex Q of $\triangle PQR$
 - (ii) Angle opposite to the side LM of $\triangle LMN$
 - (iii) vertex opposite to the side RT of $\triangle RST$.
- 3. Classify each of the triangles according to its
 - (i) Sides
 - (ii) Angles.

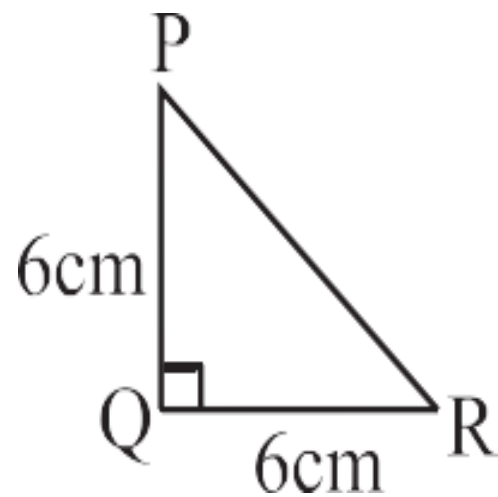




(iv)



(v)



(vi)

4. How many medians can a triangle have?

5. How many altitudes can a triangle have?

6. Draw rough sketches for the following:

(a) in $\triangle ABC$, BE is the median,

(b) In $\triangle PQR$, PQ and PR are altitudes of the triangle.

© In $\triangle XYZ$, YL is an altitude in the exterior of the triangle.

7. Draw rough sketches of altitudes from A to BC for the following triangles:-

(a) $\triangle ABC$ is an acute angled triangle

(b) $\triangle ABC$ is a right angled triangle right angled at C,

(c) $\triangle ABC$ Obtuse angled triangle in which angle C is an obtuse angle.