Worksheet on Construction of Triangles

In worksheet on construction of triangles we will solve 10 different types of questions.

1. Construct a triangle ABC in which BC = 6 cm, CA = 5 cm and AB = 4 cm.

2. Construct a triangle PQR in which PQ = 5.8 cm, QR = 6.5 cm, PR = 4.5 cm.

3. Construct a triangle LMN in which LM = LN = 5.5 cm, MN = 7 cm.

4. Construct a triangle STU in which ∠T = 60°, ∠U = 70° and TU = 7.5 cm.

5. Construct a right triangle ABC in which ∠C = 90° and ∠B = 45°, CB = 5 cm.

6. Construct a right triangle XYZ in which ∠Y = 90°, XY = 5 cm and YZ = 7 cm.

7. Construct an equilateral triangle in which AB = BC = CA = 6 cm. What is the measure of its each angle?

8. Draw a triangle when AB = 5 cm, ∠A = 40° and ∠B = 50°.

9. Construct a Δ IJK whose sides are; IJ = 5 cm, JK= 5.5 cm and KI = 6 cm.

10. Construct a Δ ABC in which AB = AC = 7.2 cm, BC = 9 cm.