

(4 × 5 = 5)

1. Draw a line segment $XY = 7$ cm. Take a point P outside XY . Draw a line parallel to XY and passing through P . Find the distance between the parallel lines.
2. Construct a triangle ABC with sides $AB = 6$ cm, $BC = 6$ cm and $CA = 5$ cm.
3. Construct a triangle ABC with $\angle A = 60^\circ$, $\angle C = 45^\circ$ and $AB = 5.6$ cm.
4. Construct an equilateral triangle XYZ of side 5.5 cm. Also, draw a perpendicular bisector of the base of the triangle.
5. Construct a right angled $\triangle ABC$ in which base is 4.5 cm and the hypotenuse makes an angle of 30° with the base. Measure the sides of the triangle.