Cosmo School

Class: 4	*Section:*	*Time: 40 Minutes*
Subject: Math	*Topic: Triangle*	*Marks: 20*

1) Answer the following questions in your answer script: **1 × 5 = 5**

a) How many vertices does a triangle have?

Ans: Three

b) Which triangle has three 60° angles?

Ans: Equilateral triangle.

c) What is the sum of three angles of any triangle?

Ans: 180°.

d) If one angle of a triangle measures 110°, the triangle is called ⎯⎯⎯⎯
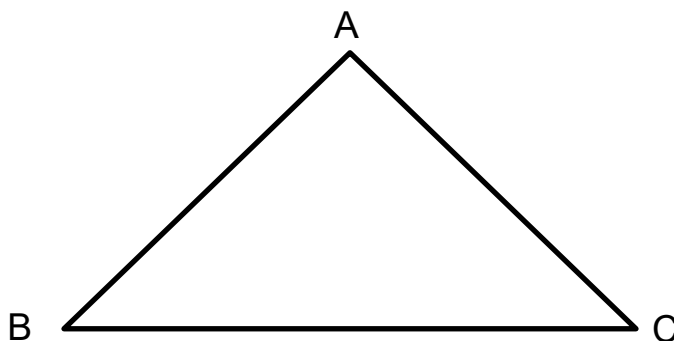
Ans: Obtuse angled triangle.

e) How many types of triangles are there based on angles? What are they?

Ans: There are three types of triangle based on the angles. They are:

1) Acute angled triangle.
2) Right angled triangle.
3) Obtuse angled triangle.

2) What is triangle? Draw a triangle and write three characteristics of triangle.   **1 × 5 = 5**

Ans: Triangle: A triangle is a closed figure with three sides.

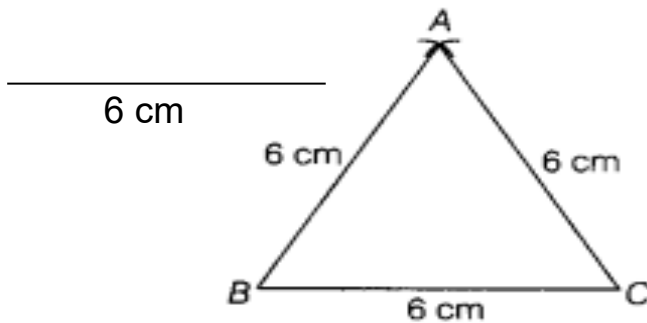Here, ABC is a triangle.

Characteristics:

       1) It has three sides.

       2) It has three corners / vertices.

       3) It has three angles.

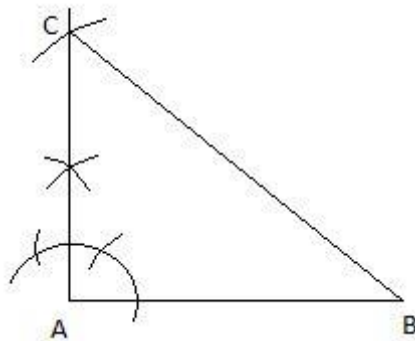**3)** Draw an equilateral triangle with sides of 6 cm.   **1 × 5 = 5**

  Ans:

Thus, ΔABC is an equilateral triangle.

4) Define right angled triangle and draw the figure.   **1 × 5 = 5**

Ans: Right angled triangle: Right angled triangles have one right angle. One of the angles is 90°.

Here, ABC is a right angled triangle. < A = 90°.