Cosmo School

Class-4

Subject-Mathematics

Chapter - 14 (Triangle)
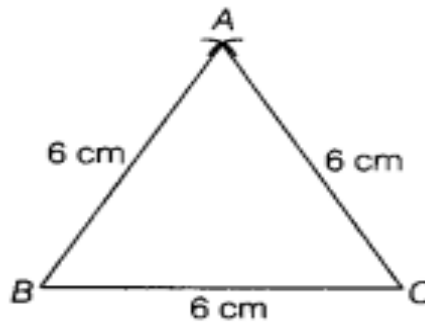
Date: 20/10/2020

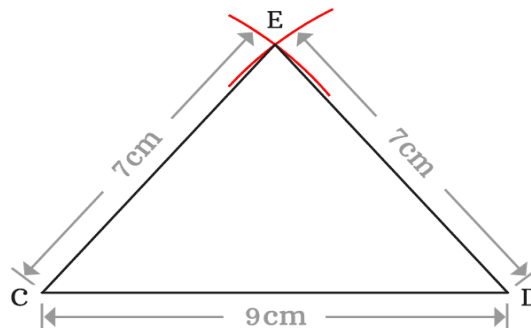**Lecture – 1 (Solution)**

1) Draw an equilateral triangle with sides of 6 cm.

Ans:

_____
6 cm

Thus, ΔABC is an equilateral triangle.

2) Draw an isosceles triangle with sides of 9 cm, 7 cm and 7 cm.

Ans:

_____
9 cm

_____
7 cm
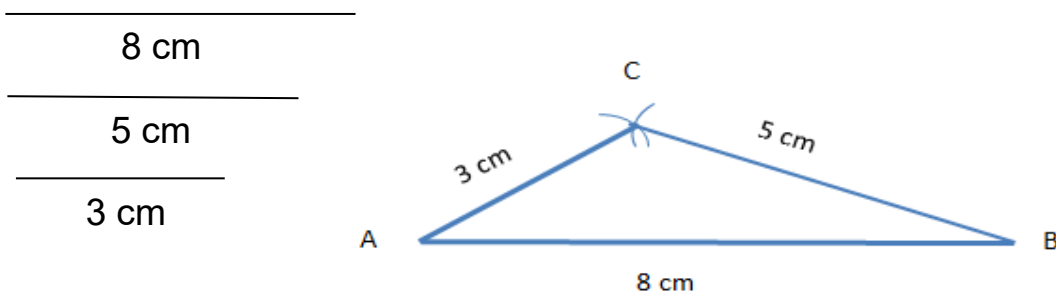

Here, ECD is an isosceles triangle. Where, EC = ED = 7 cm.

And CD = 9 cm

3) Draw a scalene triangle with sides of 3 cm, 5 cm and 8 cm.

Ans:

_____

8 cm

_____

5 cm

_____

3 cm

Here, ABC is a scalene triangle. Where, AB = 8 cm, AC = 3cm and BC = 5 cm.

4) How many types of triangles are there based on sides? What are they?

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

1) Equilateral triangle
2) Isosceles triangle
3) Scalene triangle

5) What is triangle?

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

6) Write three characteristics of triangle?

Ans: **Characteristics:**

1) It has three sides.

2) It has three corners / vertices.

3) It has three angles.

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

Ans: 180°.

8) Which triangle has three 60° angles?

Ans: Equilateral triangle.

9) Which triangle has two equal sides?

Ans: Isosceles triangle

10) A triangle that has no equal sides and no equal angles is known as what?

Ans: Scalene triangle

11) A triangle that has 2 equal sides and 2 equal angles is known as what?

Ans: Isosceles triangle.

12) A triangle that has 3 equal sides and 3 equal angles is known as what?

Ans: Equilateral triangle.

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