

**Subject: Mathematics**

**Class: 3**

**Unit: 1**

**Chapter: Geometry**

**Topic: Perimeter**

**1. Specific objectives:** At the end of this learning activities students will be able to find perimeter of closed figures.

**2. Materials:** Ruler and daily use teaching materials.

Introduction of perimeter

The sum of the sides of rectilinear figure is called perimeter, such as triangle, square, quadrilateral, polygon, bounded by line segments.

Look, Learn And Understand.

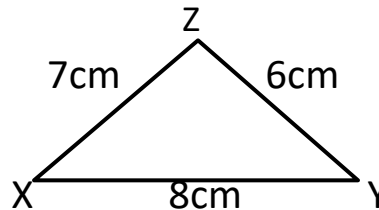
Perimeter of triangle XYZ

$$= XY + YZ + ZX$$

$$= 8\text{cm} + 6\text{cm} + 7\text{cm}$$

$$= 21\text{cm}$$

∴ The perimeter of  $\triangle XYZ$  is 21cm



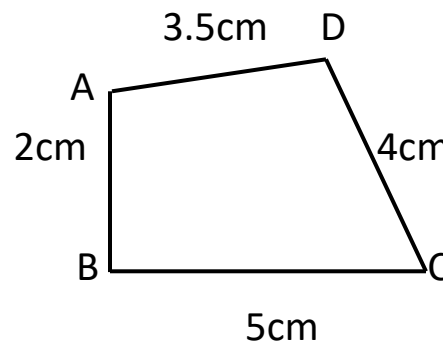
Perimeter of the quadrilateral

$$\square ABCD = AB + BC + CD + DA$$

$$= 2\text{cm} + 5\text{cm} + 4\text{cm} + 3.5\text{cm}$$

$$= 14.5\text{cm}$$

∴ The perimeter of  $\square ABCD$  is 14.5cm



**3. Homework:** Find the perimeter of the given closed figures as shown

