

# VIDYA BHAWAN BALIKA VIDYA PITH

CLASS - 5

DATE – 07. 01. 21

SUB -MATHS

S.T-PRAGYA

BASED ON N.C.E.R.T PATTERN:-

## CH – Perimeter and Area

Read the following FORMULA and try to understand.

**PERIMETER OF A RECTANGLE**

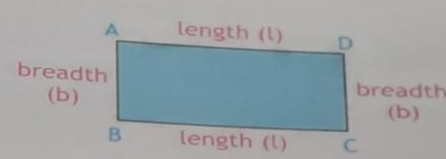
A rectangle is a plane figure whose opposite sides are of equal measure. So, we have two equal lengths and two equal breadths.

So, Perimeter of a rectangle  
= length + breadth + length + breadth  
= length + length + breadth + breadth  
=  $2 \times \text{length} + 2 \times \text{breadth}$   
=  $2 \times (\text{length} + \text{breadth})$

**Perimeter of rectangle =  $2 \times (\text{length} + \text{breadth})$**

**Example - 1** Find the perimeter of a carpet whose length = 8 m and breadth = 1.8 m.

**Solution :** Perimeter of the carpet  
=  $2 \times (\text{length} + \text{breadth})$   
=  $2 \times (8\text{m} + 1.8\text{m}) = 2 \times 9.8\text{m} = 19.6\text{m}$ .



**PERIMETER OF A SQUARE**


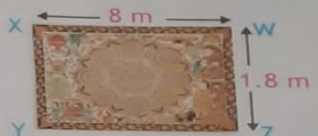
A square is a plane figure whose all four sides are of equal lengths.

So, Perimeter of a square = side + side + side + side  
=  $4 \times \text{side}$

**Perimeter of a square =  $4 \times \text{length of one side}$**

**Example - 2** Find the perimeter of a square table of side 80 cm.

**Solution :** Perimeter of the table =  $4 \times \text{side} = 4 \times 80\text{cm} = 320\text{cm}$



**PERIMETER OF AN EQUILATERAL TRIANGLE**

All the three sides of an equilateral triangle are equal.

So, Perimeter of an equilateral triangle  
= side + side + side =  $3 \times \text{side}$

**Perimeter of an equilateral triangle =  $3 \times \text{length of one side}$**

