

Meaning of Perimeter



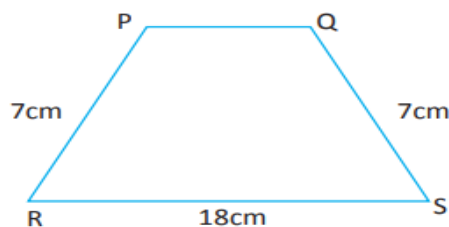
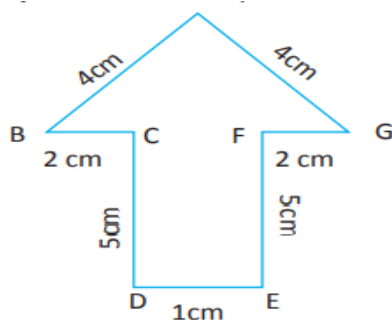
The total distance around the boundary of the figure or shape is called its Perimeter. The perimeter of any figure is equal to the sum of the total sides of any figure.

Perimeter = Sum of all the sides of a figure



Let us understand with some examples:

Example: Find the perimeter of the given figures:



Solution:

Perimeter = Sum of all sides

$$= 4+4+2+2+5+5+1$$

$$= 23 \text{ cm}$$

Perimeter = Sum of all sides

$$= 18+6+7+7$$

$$= 38 \text{ cm}$$



Perimeter of some plane figures:

1. Perimeter of a rectangle = $2 (\text{length} + \text{breadth}) = 2 (L + B)$

2. Perimeter of a square = $S + S + S + S = 4 \times \text{side}$

3. Perimeter of a triangle whose all sides are different = sum of all sides.

Perimeter of a triangle whose all sides are same = $3 \times \text{sides}$