

18/11/2020

classmate

Date \_\_\_\_\_

Page \_\_\_\_\_

## CLASS - IV

### CHAPTER : 16

### PERIMETER AND AREA

The Length of The boundary of any plane figure is known as its perimeter.

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

Perimeter of a rectangle =  $2 \times (L+B)$

Perimeter of an equilateral triangle =  $3 \times \text{Length of one of its sides}$

Perimeter of a triangle = Sum of the lengths of its three sides.

Ex - 16.1

2. Jyoti walked along the entire boundary of a square field, with each side equal to 80 m. How much distance did she cover?

⇒ Length of each side of the field = 80 m.

$$\begin{aligned}\therefore \text{Distance she covered} &= (4 \times 80) \text{ m} \\ &= 320 \text{ m}\end{aligned}$$

Ans. She covered 320 m.

3. Vijay takes two circuits along the boundary of a square field with each side equal to 100 m. What distance does he cover?

⇒ Length of each side of the field = 100 m

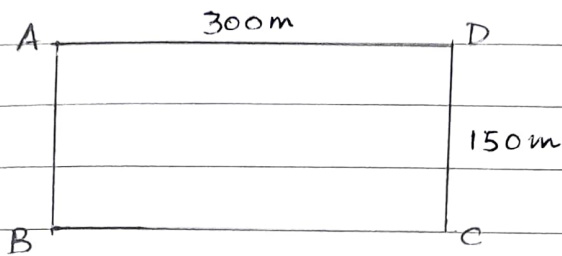
$$\begin{aligned}\text{Distance covered by Vijay in 1 circuit} &= (4 \times 100) \text{ m} \\ &= 400 \text{ m}\end{aligned}$$

$$\begin{aligned}\therefore \text{Distance covered by Vijay in 2 circuits} &= (2 \times 400) \text{ m} \\ &= 800 \text{ m}\end{aligned}$$

Ans. He covered 800 m.

4. Raju ran along the boundary of a rectangular park. If the park was 300 m long and 150 m wide, how much distance did Raju cover in all in completing one circuit around the park?

⇒



Length of the rectangular park = 300 m

Breadth of the rectangular park = 150 m

$$\begin{aligned}\therefore \text{Distance covered in all for one} \\ \text{circuit} &= 2 \times (300 + 150) \text{ m} \\ &= (2 \times 450) \text{ m} \\ &= 900 \text{ m}\end{aligned}$$

Ans. Raju covered 900 m

Class IV students,

Please do all the above sums  
in your class copy.

← (63)  
18/11/2020