

INTERNATIONAL INDIAN SCHOOL BURAI DAH

Worksheet for the Academic Year 2025-26

Class -5th

Subject : Mathematics

Date :

Chapter : 11 Perimeter, Area, and Volume

A. Fill in the blanks:

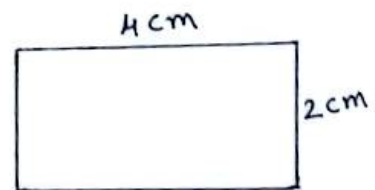
- _____ is the distance around the edge of a figure.
- _____ is the amount of surface a figure covers.
- The formula used to find the perimeter of a rectangle is $P = \underline{\hspace{2cm}}$
- A _____ is a special kind of rectangle whose length and breadth are equal.
- The formula for finding area of a square is $A = \underline{\hspace{2cm}}$
- The _____ of an object is the amount of space it occupies.
- The formula for finding volume of a cuboid: $V = \underline{\hspace{2cm}}$

B. Choose the correct option:

- Volume is expressed in
a) square units b) cubic units c) units
- Formula for finding area of a rectangle is
a) $A = l \times b$ b) $A = 2 \times (l + b)$ c) $A = 4 \times \text{side}$
- The perimeter of a square of side 1m is
a) 4 sq.m b) 1m c) 4m
- Length of a rectangle is 4m, its breadth is 5m and its perimeter is
a) 20 sq.m b) 18m c) 18sq.m

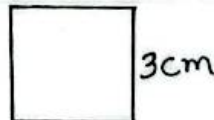
C. Use the shortcut to find the perimeter of the following:

- $l = 12\text{cm}$ $b = 8\text{cm}$
- Side of a square = 9m
-



D. Use the shortcut to find the Area of the following:

- $l = 7\text{ cm}$ $b = 3\text{ cm}$
-
- Side of a square is 50m



E. Find the area of the shaded triangle:



F. Find the length of a cuboid : $V = 300\text{ cu.mm}$, $b = 15\text{ mm}$, $h = 2\text{ mm}$

G. Application in real life:

- A gift box is 35 cm long, 12cm wide and 5 cm high. What is its volume?
- The side of a square park is 33 m. Find the area of the park?