

Math Worksheet Grade V

Perimeter, Area and Volume

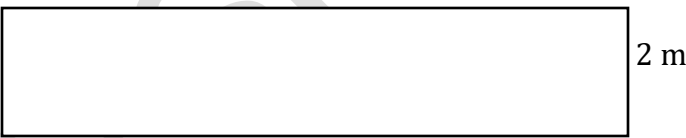
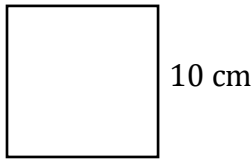
1. Multiple-Choice Questions

- a. The perimeter of a rectangle is given by _____.
 a. $3(1 + b)$ b. $2(1 + b)$ c. $2(1 - b)$ d. $3(1 - b)$
- b. The area of a rectangle with length 12 cm and breadth 4 cm is _____.
 a. 96 cm b. 24 cm c. 48 cm d. 36 cm
- c. The perimeter of a square with side 18 cm is _____.
 1. 36 cm 2. 324 cm 3. 72 cm 4. 2 cm
- d. The area of a square with side 9 m is _____.
 1. 36 m 2. 81m 3. 81m 4. 36 m
- e. The volume of a cuboid is given by _____.
 1. $V = l + b \times h$ 2. $V = l \times b + h$ 3. $V = l \times b \times h$ 4. $V = l(b + h)$

2. Fill in the blanks:

- a. The distance around a figure is called its _____.
- b. The amount of surface enclosed by a solid is called its _____.
- c. The number of 1 cm cubes required to make a 4 cm cube is _____.
- d. The formula for the perimeter of a rectangle is _____.
- e. The area of a square is given as _____.
- f. The formula for the perimeter of a square is _____.
- g. The area of a figure is measured in _____.
- h. Volume of a cuboid = _____.
- i. The number of 1 cm squares that can fit in a rectangle of area 14 sq cm is _____.
- j. The amount of space enclosed by a solid is called its _____.

3. Find the perimeter and area of the following figures:

- a. 
- b. 

4. A football field is 260m long and 225 m wide. What is the area of the field?

5. Gulshin's lunch box is 8 cm long, 5 cm wide and 4 cm high. Kavya's lunch box is 10 cm long, 4 cm wide and 3 cm high. Whose lunch box has a bigger volume?

6. Find the perimeter, area and volume of the following measurements-

Length	Breadth	Height	Perimeter	Area	Volume
12.5 cm	9 cm	4 cm			
9 mm	7 mm	5 mm			
14 cm	8.5 cm	7 cm			
10.4 m	9 m	6 m			
2.25 m	1.20 m	80 cm			

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