

**VIDYA BHAWAN BALIKA VIDYAPITH LAKHISARAI**  
**CLASS VIII (MATHEMATICS)**

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1. If the length and breadth of a rectangle are 20 cm and 5 cm respectively, then its area is \_\_\_\_\_
  - A. 25 sq.cm
  - B. 100 sq.cm
  - C. 125 sq.cm
  
2. The volume of a cube whose edge is 7 cm is \_\_\_\_\_
  - A. 143 cu.cm
  - B. 243 cu. Cm
  - C. 343 cu.cm
  
3. The volume of a cuboid whose length, breadth and height are p, 2q, 3r is \_\_\_\_
  - A. 2pqr
  - B. 3pqr
  - C. 6pqr
  
4. The height of a cuboid whose volume is 546 cu.cm and base area is 13 sq.cm is \_\_\_\_\_
  - A. 40 cm
  - B. 41cm
  - C. 42 cm
  
5. If the base area of a box is 24 sq.m and height is 10 m, then its volume is \_\_\_\_
  - A. 24 cu.m
  - B. 240 cu.m

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- C. 120 cu.m
6. A cuboid whose length, breadth and height are all equal is called a \_\_\_\_\_
- A. Cylinder
- B. Cube
- C. Cone
7. The volume of a cylinder whose base area is 234 sq.cm and whose height is 12 cm is \_\_\_\_\_
- A. 2808 cu.cm
- B. 2080 cu.cm
- C. 2088 cu.cm
8. Find the area of a rhombus whose diagonals are of lengths 40 cm and 8cm is \_\_\_\_\_
- A. 320 sq.cm
- B. 160 sq. cm
- C. 80 sq. cm
9. The height, length and width of the box are 20 cm, 15cm and 10 cm respectively. Then the total surface area is \_\_\_\_\_
- A. 1300 sq.m
- B. 650 sq.m
- C. 2600 sq.m

10. \_\_\_\_\_ of a cuboid is the sum of the areas of all six faces of a cuboid.

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A. Volume

B. Perimeter

C. Surface Area