



VIDYA BHAWAN, BALIKA VIDYAPITH

Shakti Utthan Ashram, Lakhisarai-811311(Bihar)

(Affiliated to CBSE up to +2 Level)

CLASS: VIII

SUB.: MATHS (NCERT BASED)

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1. The area of a rectangle of length a and breadth b is

- (a) $a + b$ (b) ab (c) $a^2 + b^2$ (d) $2ab$.

2. The area of a square of side a is

- (a) a (b) a^2 (c) $2a$ (d) $4a$.

3. The area of a triangle with base b and altitude h is

- (a) $1/2bh$ (b) bh (c) $1/3bh$ (d) $1/4bh$.

4. The area of a parallelogram of base b and altitude h is

- (a) $1/2bh$ (b) bh (c) $1/3bh$ (d) $1/4bh$.

5. The area of a circle of radius r is

- (a) $12\pi r^2$ (b) r^2 (c) πr^2 (d) $14\pi r^2$

6. $1 \text{ cm}^3 =$

- (a) 1000 mm^3 (b) 100 mm^3 (c) 10 mm^3 (d) 11000 mm^3

7. $1 \text{ m}^3 =$

- (a) 1000000 cm^3 (b) 100 cm^3 (c) 10 cm^3 (d) 11000 cm^3

8. $1 \text{ mm}^3 =$

- (a) 0.001 cm^3 (b) 0.01 cm^3 (c) 0.1 cm^3 (d) 1000 cm^3

9. $1 \text{ cm}^3 =$

- (a) 0.000001 m^3 (b) 0.01 m^3 (c) 0.1 m^3 (d) 1000 m^3

10. The surface area of a cuboid of length l, breadth b and height h is

- (a) lbh (b) $lb + bh + hl$ (c) $2(lb + bh + hl)$ (d) $2(l + b)h$.