



Brain International School

Vikas Puri, New Delhi

ASSIGNMENT NO. 5

SUBJECT: MATHEMATICS

CLASS-VI

OCTOBER, 2025

CH- 6 PERIMETER AND AREA

MENTAL MATHS

Q1) The amount of surface enclosed by a closed figure is called its _____.

Q2) The perimeter of an equilateral triangle with side $2a$ _____.

Q3) The side of the square whose area is $10,000 \text{ sq.m.}$ _____.

Q4) The perimeter of an Equilateral triangle is 9m . The length of the side is _____.

Q5) **DIRECTION:** In the question, a statement of **Assertion (A)** is followed by a statement of **Reason (R)**. Choose the correct option.

- a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- c) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.

Assertion (A): If each side of a square is 4 cm , then perimeter of a square is 16 cm .

Reason(R): Sum of all sides of a polygon gives the perimeter of that polygon.

Q6) The area of rectangle is 650 cm^2 and one of its sides is 13cm , find the perimeter of rectangle.

Q7) Find the length of lace required by Shabhana, if she wants put a lace three times all around rectangular table cover measuring 3.5 m long and 2m wide.

Q9) A marble tile measures 25cm by 20cm, how many tiles will be required to cover a wall of size 4m by 3m.

