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**Area and Perimeter**

Top of Form

**Perimeter:**

The length of the boundary of a closed figure is called the perimeter of the plane figure. The units of perimeter are same as that of length, i.e., m, cm, mm, etc.

**Area:**

A part of the plane enclosed by a simple closed figure is called a plane region and the measurement of plane region enclosed is called its area.

Area is measured in square units.

**Perimeter and Area of Rectangle:**

● The perimeter of rectangle = 2(l + b).

● Area of rectangle = l × b; *(l and b are the length and breadth of rectangle)*

● Diagonal of rectangle = √(l² + b²)

**Perimeter and Area of the Square:**

● Perimeter of square = 4 × S.

● Area of square = S × S.

**Perimeter and Area of the Triangle:**

● Perimeter of triangle = (a + b + c);*(a, b, c are 3 sides of a triangle)*

● Area of triangle = 1/2 × b × h;*(b base , h height)*