

Board- CBSE	Std- 6	Topic- Mensuration	Revision Notes
-------------	--------	--------------------	----------------

The units of area and the relation between them is given below:

RELATION BETWEEN VARIOUS UNITS (CONVERSIONS)	
Length Units	Area Units
1 m = 100 cm	1 m ² = 100 × 100 cm ² = 10000 cm ²
1 m = 10 dm	1 m ² = 10 × 10 dm ² = 100 dm ²
1 cm = 10 mm	1 cm ² = 10 × 10 mm ² = 100 mm ²
1 km = 1000 m	1 km ² = 1000 × 1000 m ² = 1000000 m ²
1 hm = 100 m	1 hm ² = (100 × 100) m ² = 10000 m ² = 1 hectare
1 dam = 10 m	1 dam ² = 10 × 10 m ² = 100 m ² = 1 are
1 dm = 10 cm	1 dm ² = 10 × 10 cm ² = 100 cm ²
1 km = 10 hm	1 km ² = 10 × 10 hm ² = 100 hm ²

The different geometrical shapes along with their formula of area and perimeter with examples are discussed below:

Perimeter and Area of Rectangle:

- The perimeter of rectangle = $2(l + b)$.
- Area of rectangle = $l \times b$; (l and b are the length and breadth of rectangle)
- Diagonal of rectangle = $\sqrt{l^2 + b^2}$

Perimeter and Area of the Square:

- The perimeter of square = $4 \times s$.
- Area of square = $s \times s$.