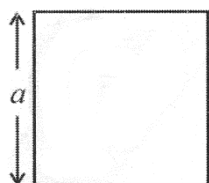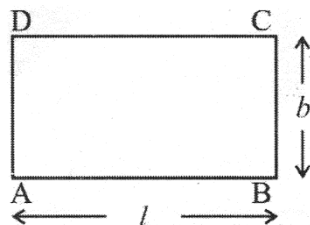# (Olympiad Excellence Notes)

NOTES

FUNDAMENTALS

✓ Perimeter, the length of the sides enclosing the figure is called its perimeter.
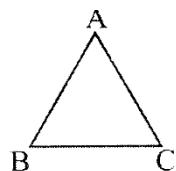
Perimeter of square $= 4 \times side = 4a$

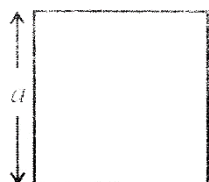Perimeter of rectangle $= 2$ (length + breadth) $= 2(l + b)$

Perimeter of triangle $=$ sum of its sides $= (AB + BC + CA)$

✓ **Area:** The area of any figure is the plane space occupied by it or the amount of surface enclosed within its boundary lines.

✓ It is measured in square units i.e. Square meter (m^2), Square centimeter (cm^2) etc.

Area of square $= (side)^2 = a^2$ sq. unit

Area of rectangle $=$ length $\times$ breadth $= l \times b$ Sq. unit.