1. Parallelogram:

Perimeter = Sum of all sides

Area = Base × Corresponding height

2. Rectangle:

Perimeter = 2 × Sum of adjacent sides

Or

Perimeter = 2 × (length + breadth)

Area = length × breadth

Or

Area = Product of adjacent sides

3. Square:

Perimeter = 4 × side

Area = Side × Side or $(\mathbf{side})^2$

Perimeter of regular Polygon = No. of sides × Length of one

4. Triangle:

Perimeter = Sum of all sides

Area= $\frac{1}{2}$× Base × Corresponding height

Area of Triangle = $\frac{1}{2}$ × Area of parallelogram

5. Circle:

Circumference (Perimeter) = 2 × π × radius

Area = π × radius × radius or π × $(\mathbf{radius})^2$

6. Conversion of area units:

1 m^2 = 10000 cm^2

1 Hectare = 10000 m^2

Tricks

Area of Path-

a) When path is outside the rectangle

Area of path = 2 × (Width of path) × [Length + Breadth of rectangle + 2(Width of path)]

b) When path is within the rectangle

Area of path = 2 × (Width of path) × [Length + Breadth of rectangle – 2(Width of path)]