**Cuboid** Length (l), Breadth (b), Height(h)

1. Volume (V) of a cuboid = Length X Breadth X Height = l x b x h cubic units
2. Total surface area (TSA) of cuboid = 2(lb + bh + hl) sq. units
3. Lateral surface area (LSA) or area of four walls of cuboid = 2h(I + b) sq. units
4. Length of the diagonal of cuboid = $√ $ l2 + b2 + h2 units

**Cube** side (or edge) = a units

1. Volume of cube = (side)3 = a3 cubic units
2. Total surface area (TSA) of cube = 6(side)2 =6a2 sq. units
3. Lateral surface area of cube = 4(side)2 = 4a2 sq. units
4. Length of a diagonal of cube = $\sqrt{3}$ (side) = $\sqrt{3}$ a units

**Right Circular Cylinder** Radius (r), Height (h)

1. Volume of the right circular cylinder = πr2h cubic units
2. Curved surface area (CSA) of right circular cylinder = 2πrh sq. units
3. Total surface area (TSA) of right circular cylinder = 2πr(h + r) sq. units