FORMULAE

Cylinder

Curved surface area of cylinder $= 2\Pi rh$

Total surface area of cylinder $= 2\Pi r(h + r)$

Volume of cylinder $= \Pi r^2 h$

Cone

Curved surface area of cone $= \Pi rl$

Total surface area of cone $= 2\Pi r(l + r)$

Volume of cone $= \Pi r^2 h / 3$

Sphere

Surface area of sphere $= 4\Pi r^2$

Volume of sphere $= 4\Pi r^3 / 3$

Cube

Surface area of cube $= 4a^2$

Total surface area of cube $= 6a^2$

Volume of hemisphere $= a^3$

Cuboid

Surface area of cuboid $= 2(hw + lh)$

Total surface area of cuboid $= 2(lw + hw + lh)$

Volume of cuboid $= l \times w \times h$