30-3-22

☆ Formulae :-

I Cuboid :-

1> $V = l \times b \times h$

2> $TSA = 2(lb + bh + hl)$

3> $CSA = 2(l + b)2 \times h$

II Cube :-

1> $V = s^3$

2> $TSA = 6s^2$

III Hemisphere :-

1> $V = \frac{2}{3}\pi r^3$

2> $CSA = 2\pi r^2$

3> $TSA = 3\pi r^2$

IV Sphere :-

1> $V = \frac{4}{3}\pi r^3$

2> $SA = 4\pi r^2$

V Hollow cylinder :-

1> $V = \pi(R^2 - r^2)$

2> $CSA = 2\pi rh(R + r)$

3> $TSA = [(2\pi h(R + r) + 2\pi(R^2 - r^2)]$

VI Cylinder :-