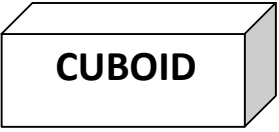
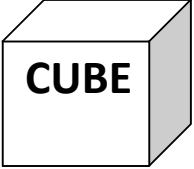
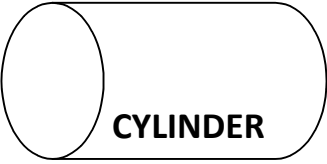
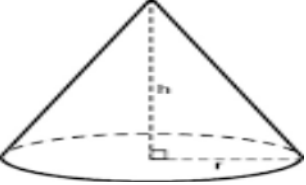




# Volume and Surface Area Formulas for GRE, GMAT, SAT and other Competitive Exams

S.No.	Figure Name	Volume	Curved/Lateral Surface Area	Total Surface Area = C.S.A/L.S.A+ Base(s)
1	 <b>CUBOID</b>	Volume of Cuboid = Length×Breadth×Height	$2 \times H(L+B)$ Where, H= Height L= Length B= Breadth	$2(LB +BH +HL)$ Where, H= Height L= Length B= Breadth
2	 <b>CUBE</b>	Volume of Cube = $(\text{Side})^3$	$4 \times (\text{Side})^2$	$6 \times (\text{Side})^2$
3	 <b>CYLINDER</b>	Volume of Cylinder = ???	$2 \text{ ???}$	$2 \text{ ??}(h+r)$
4	 <b>CONE</b>	Volume of Cone = $\frac{1}{3} \text{ ???}$	$\pi r L$ Where, L= Slant Height $L = \sqrt{r^2 + h^2}$	$\pi r^2 + \pi r L$
5	 <b>SPHERE</b>	Volume of Sphere = $\frac{4}{3} \pi r^3$	$4 \pi r^2$	$4 \pi r^2$
6	 <b>HEMISPHERE</b>	Volume of Hemisphere = $\frac{2}{3} \pi r^3$	$2 \pi r^2$	$3 \pi r^2$

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