

Surface Areas & Volumes - Formula List

Sr No	Shape	Curved Surface Area	Lateral Surface Area	Total Surface Area	Volume
1	Cube (Solid)	NA	$4a^2$	$6a^2$	a^3
2	Cuboid (Solid)	NA	$2(bh + hl)$	$2(lb + bh + hl)$	lbh
3	Cone (Solid)	πrl	πrl	$\pi rl + \pi r^2$	$\frac{1}{3}\pi r^2 h$
4	Cylinder (Solid)	$2\pi rh$	$2\pi rh$	$2\pi r(r + h)$	$\pi r^2 h$
5	Sphere (Solid)	$4\pi r^2$	$4\pi r^2$	$4\pi r^2$	$\frac{4}{3}\pi r^3$
6	Hemisphere (Solid)	$2\pi r^2$	$2\pi r^2$	$3\pi r^2$	$\frac{2}{3}\pi r^3$
7	Hemisphere (Hollow)	$2\pi R^2 + 2\pi r^2$	$2\pi R^2 + 2\pi r^2$	$2\pi R^2 + 2\pi r^2 + (\pi R^2 - \pi r^2)$	$\frac{2}{3}\pi r^3$