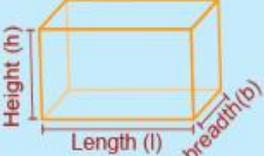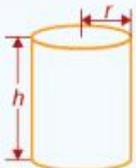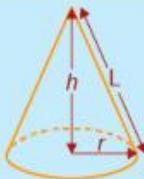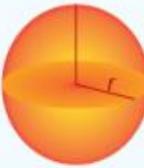| Name	Total Surface Area	Curved Surface Area/ Lateral Surface Area	Volume	Explanation	Figures of the solid
Cube	$6a^2$	$4a^2$	a^3	Here, a is the edge of the cube	
Cuboid	$2(lb+bh+hl)$	$2h(l+b)$	$l * b * h$	Here, l, b and h are the length, breadth and height of the cuboid.	
Cylinder	$2\pi r(r+h)$	$2\pi rh$	$\pi r^2 h$	Here, r = radius of the circular base and h = height of the cylinder	
Cone	$\pi r(r+l)$	πrl	$1/3\pi r^2 h$	Here, r = radius of the circular base of the cone and h = height of the cone, and l= slant height.	
Sphere	$4\pi r^2$	$4\pi r^2$	$4/3\pi r^3$	Here r = radius of the sphere	
Hemisphere	$3\pi r^2$	$2\pi r^2$	$2/3\pi r^3$	Here r = radius of the sphere	