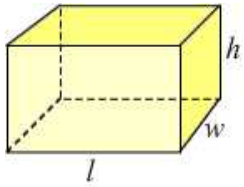
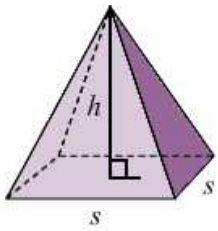
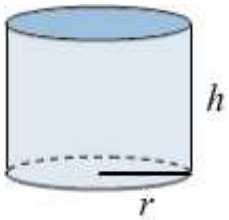
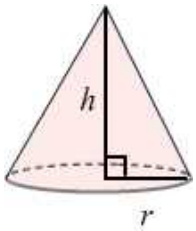
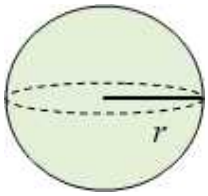
Volumes and surface areas of solids

The volumes and surface areas for some common geometric solids are given below as a reference:

Solid	Volume	Surface Area
 Rectangular prism (box)	$V = lwh$	$SA = 2lw + 2lh + 2wh$
 Square pyramid	$V = \frac{1}{3}s^2h$	$SA = s^2 + 2s\sqrt{h^2 + \frac{1}{4}s^2}$
 Right circular cylinder	$V = \pi r^2 h$	$SA = 2\pi rh + 2\pi r^2$
 Cone	$V = \frac{1}{3}\pi r^2 h$	$SA = \pi r^2 + \pi r\sqrt{r^2 + h^2}$
 Sphere	$V = \frac{4}{3}\pi r^3$	$SA = 4\pi r^2$