Figure	Volume	Surface Area
Sphere	$V = \frac{4}{3}\pi r^3,$ r radius	$S = 4\pi r^2$, radius
Cube	$V = s^3$, s side	$S = 6s^2$, s side
Rectangular Solid	$V = A^2 h$, A^2 is area of the base, h height. V = lwh, l length, w width, h height.	S = 2lw + 2lh + 2wh $= 2(lw + lh + wh)$ I length, w width, h height.
Cylinder	$V = \pi r^2 h$, r radius, h height	$S = 2\pi r^2 + 2\pi rh$ top& bottom lateral side
Prisms: Parallel flat polygon top and bottom (bases).	$V = A^2 h$, A^2 is area of the base, h height.	Calculus topic – to come
Pyrimids (polygon base to a point) apex buse	$V = \frac{1}{3}Ah$, A is area of the base, h height.	Calculus topic – to come
	$V = \frac{1}{3}\pi r^2 h$, r is the radius of the circular base, h height	$S_{total} = \pi r^2 + \pi r \sqrt{r^2 + h^2}$, base area lateral area $\sqrt{r^2 + h^2}$ is slant height