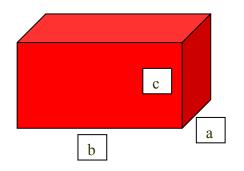


Right Prism







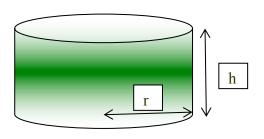
Lateral Area	$LA_{right prism} = perimeter of base \bullet height$
Total Surface Area	$SA_{right\ prism} = 2ab + 2ac + 2bc$ $SA_{right\ prism} = LA + Area\ of\ bases$
Volume	$V_{right\ prism} = A_{base}ullet h$



Cylinder







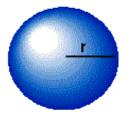
Lateral Area	$LA_{cylinder} = Perimeter \ of \ base ullet h$ $LA_{cylinder} = 2\pi r ullet h$
Total Surface Area	$SA_{cylinder} = 2\pi r^2 + 2\pi rh$
Volume	$egin{aligned} V_{cylinder} &= A_{base} ullet h \ V_{cylinder} &= \pi r^2 ullet h \end{aligned}$



Sphere







Tota	I Surface	Area

$$SA_{sphere} = 4\pi r^2$$

Volume

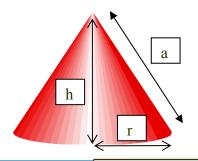
$$V_{sphere} = \frac{4\pi r^3}{3}$$



Cone







Latera	Aros
Latera	

$$LA_{cone} = \pi ra$$

Total Surface Area

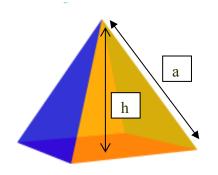
$$SA_{cone} = \pi r^2 + \pi ra$$

$$V_{cone} = \frac{Area \ of \ base \bullet h}{3}$$

$$V_{cone} = \frac{\pi r^2 \bullet h}{3}$$



Pyramid







	Latera	Area
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$$LA_{pyramid} = \frac{Perimeter\ of\ base \bullet a}{2}$$

Total Surface Area

$$SA_{pyramid} = LA + Area of bases$$

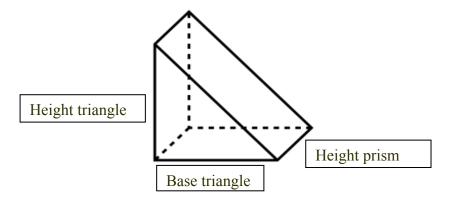
$$V_{pyramid} = \frac{Area \ of \ base \bullet h}{3}$$



Triangular Prism







Volume

$$V_{triangular\ prism} = A_{base\ triangle} \bullet h$$

$$V_{triangular\ prism} = \frac{b \bullet h_{triangle}}{2} \bullet h$$

