



# Formula Cheat Sheet

Surface Area :


Volume :

 = cube  
 $(L \cdot W) \cdot 6$

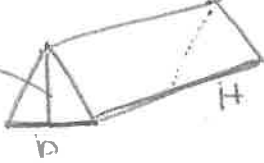
Cube =  
 $(L \cdot W \cdot H)$   
 area of base

 = rectangular  
 $(L \cdot W + L \cdot H + W \cdot H) \cdot 2$

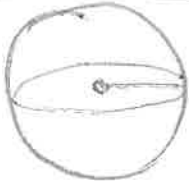
rectangular =  
 $(L \cdot W \cdot H)$   
 area of base

$h$   = cylindrical  
 $2(\pi \cdot r^2) + (\underbrace{2\pi \cdot r}_{\text{circumference}} \cdot \underbrace{h}_{\text{height}})$   
 area of base

cylindrical =  
 $(\pi \cdot r^2) \cdot \text{height}$   
 area of base

$h$   = triangular (equilateral)  
 $2\left(\frac{b \cdot h}{2}\right) + 3(L \cdot W)$   
 area of base      area of faces

triangular =  
 $\left(\frac{b \cdot h}{2}\right) \cdot \text{height}$   
 area of base

 = sphere

N/A

sphere =

$\frac{2}{3}(\pi \cdot r^2 \cdot h)$   
 volume of cylinder