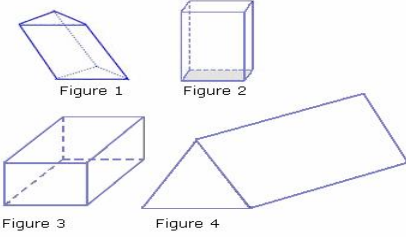
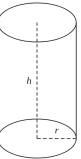
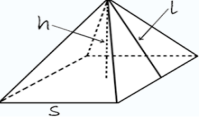
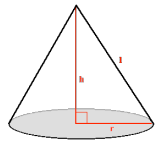
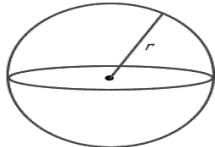


FORMULAS

SURFACE AREA

VOLUME

FORMULAS	SURFACE AREA	VOLUME
<p>PRISM</p>  <p>Figure 1 Figure 2 Figure 3 Figure 4</p>	<p>$2 \times \text{Base Area} + \text{Perimeter of base} \times h$</p> <p>Rectangular Prism: $2lw + (2l + 2w)h$</p> <p>Triangular prism: $2\left(\frac{1}{2}bh^*\right) + (a + b + c)h$</p> <p>* <i>height or altitude of triangle</i></p> <p>Triangular prism (equilateral): $2\left(\frac{\sqrt{3}}{4}s^2\right) + (a + b + c)h$</p>	<p>Base Area \times height</p>
<p>CYLINDER</p> 	<p>$2\pi r^2 + 2\pi rh$</p> <p>or</p> <p>$2\pi r(r + h)$</p>	<p>$\pi r^2 h$</p>
<p>PYRAMID</p> 	<p>Lateral Area + Base Area</p> <p>$\frac{1}{2}Pl + B$</p>	<p>$\frac{1}{3}Bh$</p>
<p>CONE</p> 	<p>$\pi rl + \pi r^2$</p> <p>or</p> <p>$\pi r(l + r)$</p>	<p>$\frac{1}{3}\pi r^2 h$</p>
<p>SPHERE</p> <p>Sphere</p> <p>Surface Area $A = 4\pi r^2$</p>  <p>Volume $V = \frac{4}{3}\pi r^3$</p>	<p>$4\pi r^2$</p>	<p>$\frac{4}{3}\pi r^3$</p>