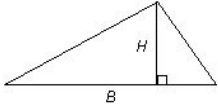
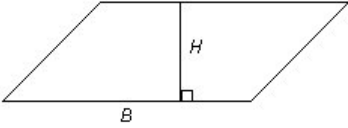

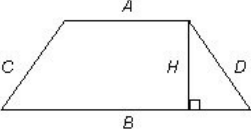
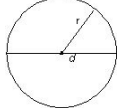
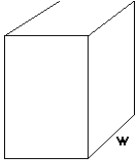
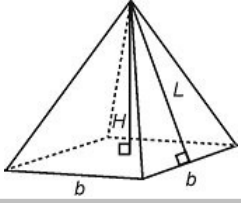
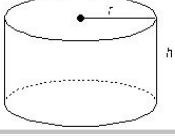
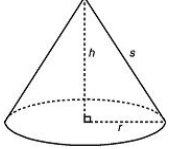
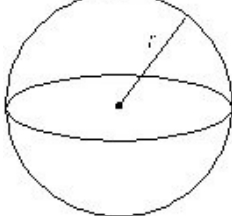
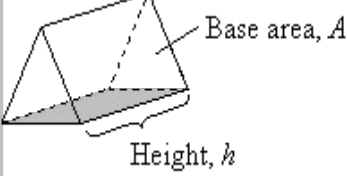


Geometry

Triangle		$\text{Area} = \frac{b \times h}{2}$
Parallelogram		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>Rectangle</p>  </div> <div style="text-align: center;"> <p>$\text{Area} = b \times h$</p> </div> </div>
Trapezoid		$\text{Area} = \frac{1}{2}(A + B) \times H$
Circle		<p>$\text{Area} = \pi \times r^2$</p> <p>$\text{Circumference} = 2\pi r$</p>
Rectangular Prism		<p>$\text{Surface Area} = 2lw + 2wh + 2lh$</p> <p>$\text{Volume} = l \times w \times h$</p>
Pyramid		<p>$\text{Surface Area} = \text{Area of 4 triangles} + \text{Area of base}$</p> <p>$\text{Volume} = \frac{\text{Area of base} \times H}{3}$</p>
Cylinder		<p>$\text{Surface Area} = 2\pi r^2 + 2\pi r h$</p> <p>$\text{Volume} = \pi r^2 h$</p>
Cone		<p>$\text{Surface Area} = \pi r^2 + \pi r s$ (s is the slant height)</p> <p>$\text{Volume} = \frac{\pi r^2 h}{3}$</p>
Sphere		<p>$\text{Surface Area} = 4\pi r^2$</p> <p>$\text{Volume} = \frac{4\pi r^3}{3}$</p>
Triangular Prism		<p>$\text{Surface Area} = \text{Area}_{\text{triangles}} + \text{Area}_{\text{Sides}}$</p> <p>$\text{Volume} = \text{Area of triangular base} \times H$</p>
Trapezoidal Prism		<p>$\text{Surface Area} = \text{Area}_{\text{trapezoids}} + \text{Area}_{\text{Sides}} + \text{Area}_{\text{top\&bottom}}$</p> <p>$\text{Volume} = \text{Area of trapezoidal base} \times H$</p>
Economy Rate		$ER = \frac{\text{Volume}}{\text{Surface Area}}$