


**Rectangular Prism**  
 Volume =  $lwh$   
 Surface Area =  $2lw + 2lh + 2wh$




**Parallelogram**  
 Area =  $bh$   
 Perimeter =  $2a + 2b$



**Cone**  
 Volume =  $\frac{1}{3}\pi r^2 h$   
 Surface Area =  $\pi r^2 + \pi r l$



**Square**  
 Perimeter =  $4a$   
 Area =  $a^2$



**Sphere**  
 Volume =  $\frac{4}{3}\pi r^3$   
 Surface Area =  $4\pi r^2$



**Circle**  
 Circumference =  $2\pi r$   
 Area =  $\pi r^2$



**Cylinder**  
 Volume =  $\pi r^2 h$   
 Surface Area =  $2\pi r^2 + 2\pi rh$



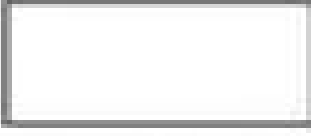
**Trapezoid**  
 Area =  $\frac{1}{2}(b_1 + b_2)h$   
 Perimeter =  $a + b + c + d$



**Cube**  
 Volume =  $lwh$   
 Surface Area =  $2lw + 2lh + 2wh$




**Rectangle**  
 Area =  $lw$   
 Perimeter =  $2l + 2w$



**Triangular Prism**  
 Volume =  $\frac{1}{2}bhL$   
 Surface Area =  $2B + Ph$



**Triangle**  
 Area =  $\frac{1}{2}bh$   
 Perimeter =  $a + b + c$



**3D Formulas**

**2D Formulas**