

**STANFORD 10 REFERENCE SHEET**  
**Middle Grades**

**FORMULAS FOR PLANE FIGURES**

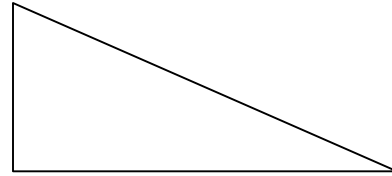
Parallelogram:  $A=bh$

Trapezoid:  $A=1/2 (b_1 + b_2) h$

Triangle:  $A=1/2 bh$

Circle:  
 $C=2\pi r$   
 $A=\pi r^2$

Right Triangle: The Pythagorean Formula  
 $c^2 = a^2 + b^2$



**FORMULAS FOR SOLID FIGURES**

Prism:  $V=Bh$  ( $B$  is the area of the base.)

Right Cylinder:  $V=\pi r^2 h$

Regular Pyramid:  $V=1/3 Bh$