

# STANFORD 10 REFERENCE SHEET

## Middle Grades

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### FORMULAS FOR PLANE FIGURES

Parallelogram:  $A = bh$

Trapezoid:  $A = \frac{1}{2}(b_1 + b_2)h$

Triangle:  $A = \frac{1}{2}bh$

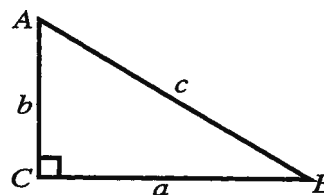
Circle:  $C = 2\pi r$

$$A = \pi r^2$$

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:  $V = \frac{1}{3}Bh$

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