Formulas for Perimeter, Area, and Volume
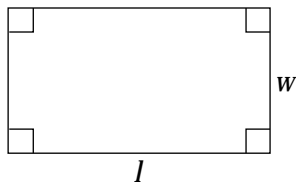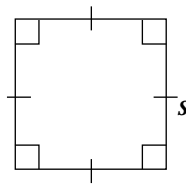
$P = 2l = 2w$
$A = lw$

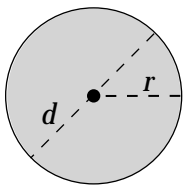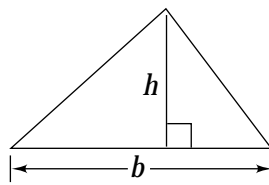**Rectangle**

$P = 4s$
$A = s^2$

Square

$C = 2\pi r \ \text{ or } \ C = \pi d$
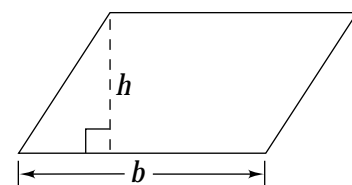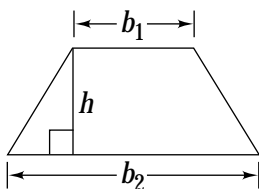$A = \pi r^2$

Circle

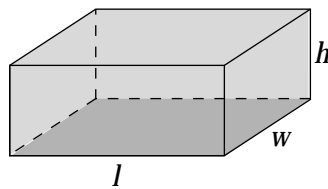$A = \frac{1}{2}bh$

Triangle

$A = bh$

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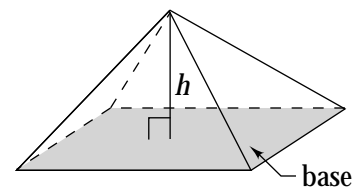
$A = \frac{1}{2}(b_1 + b_2)h$

Trapezoid

$V = Bh$
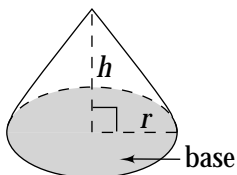$V = lwh$

Rectangular Prism
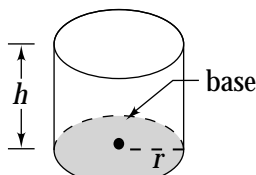
$V = \frac{1}{3}Bh$

Pyramid
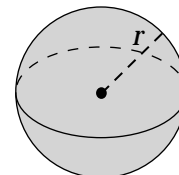
$V = \frac{1}{3}Bh$
$V = \frac{1}{3}\pi r^2 h$

Cylinder

$V = Bh$
$V = \pi r^2 h$

Cone

$V = \frac{4}{3}\pi r^3$

Sphere