

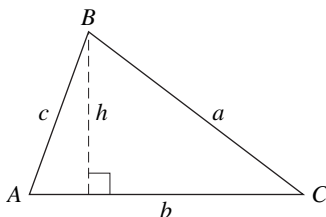
GEOMETRY

Perimeter and Area of Plane Figures

Triangle

$$P = a + b + c$$

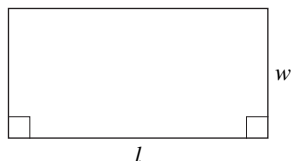
$$A = \frac{1}{2}bh$$



Rectangle

$$P = 2l + 2w$$

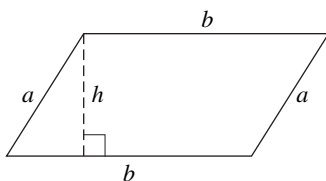
$$A = lw$$



Parallelogram

$$P = 2a + 2b$$

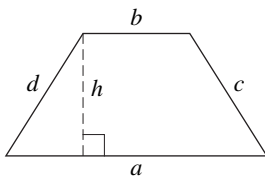
$$A = bh$$



Trapezoid

$$P = a + b + c + d$$

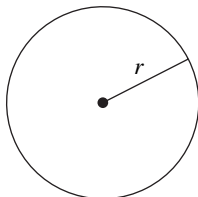
$$A = \frac{1}{2}h(a + b)$$



Circle

$$C = 2\pi r$$

$$A = \pi r^2$$

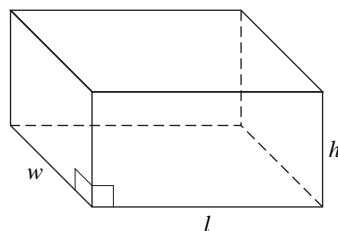


Volume and Surface Area of Solid Figures

Rectangular Prism

$$V = lwh$$

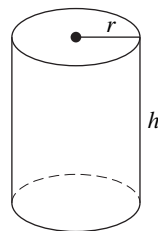
$$S = 2lw + 2lh + 2wh$$



Right Circular Cylinder

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

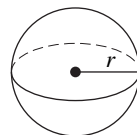
$$S = 2\pi r^2 + 2\pi rh$$



Sphere

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

$$S = 4\pi r^2$$



Right Circular Cone

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

$$S = \pi r^2 + \pi rs$$

