

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

Equilateral Triangle: $h = \frac{\sqrt{3}s}{2}$

$$A = \frac{\sqrt{3}s^2}{4}$$

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

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

Parallelogram: $A = bh$

Circle: $A = \pi r^2$

$$C = 2\pi r$$

Sector of Circle: $A = \frac{1}{2}r^2\theta$

$$s = r\theta$$

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

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

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

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