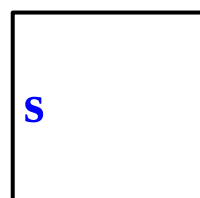


Shapes and Measurement Formulas

square



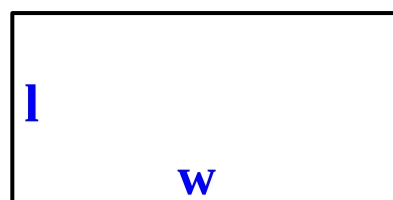
perimeter

$$4s$$

area

$$s^2$$

rectangle



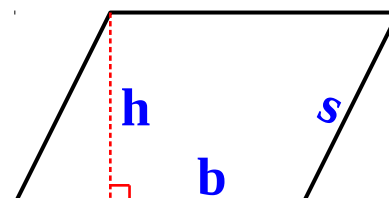
perimeter

$$2l+2w$$

area

$$lw$$

parallelogram



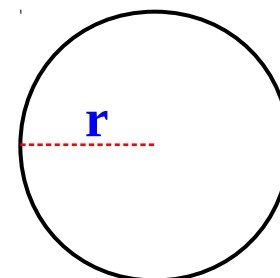
perimeter

$$2b+2s$$

area

$$bh$$

circle



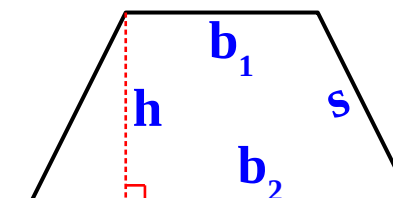
circumference

$$2\pi r$$

area

$$\pi r^2$$

isosceles trapezoid



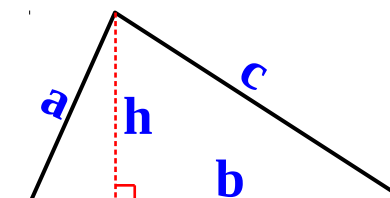
perimeter

$$b_1+b_2+2s$$

area

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

triangle



perimeter

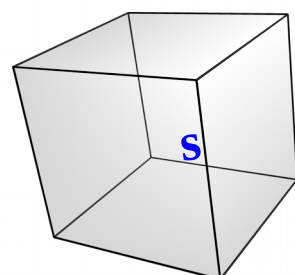
$$a+b+c$$

area

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

2D
3D

cube



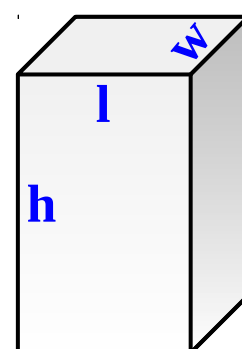
surface area

$$6s^2$$

volume

$$s^3$$

rectangular prism



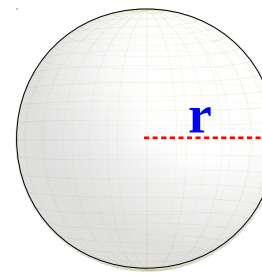
surface area

$$2lw+2lh+2hw$$

volume

$$lwh$$

sphere



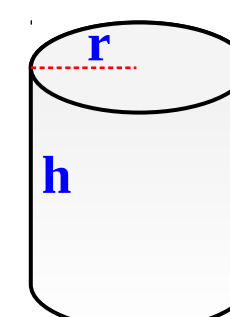
surface area

$$4\pi r^2$$

volume

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

cylinder



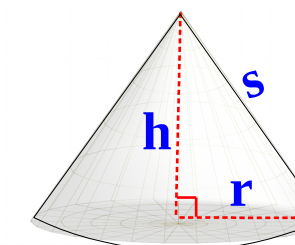
surface area

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

volume

$$\pi r^2 h$$

cone



surface area

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

volume

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