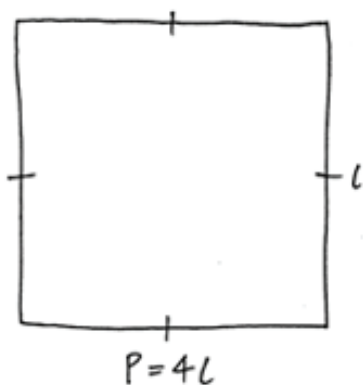


# FORMULA SHEET – PERIMETER

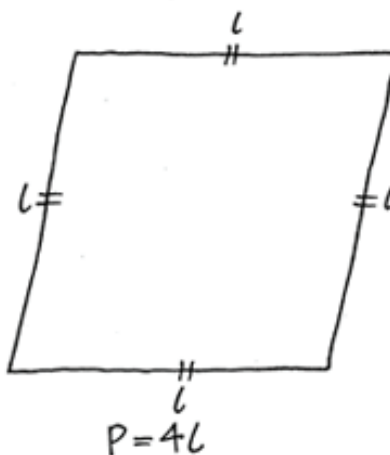
## CALCULATING PERIMETER

Perimeter is the measurement around the outside of a closed 2D shape.

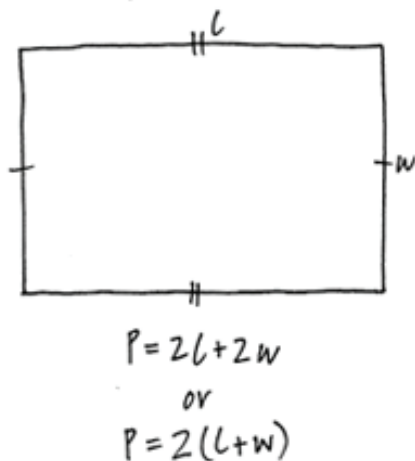
SQUARE



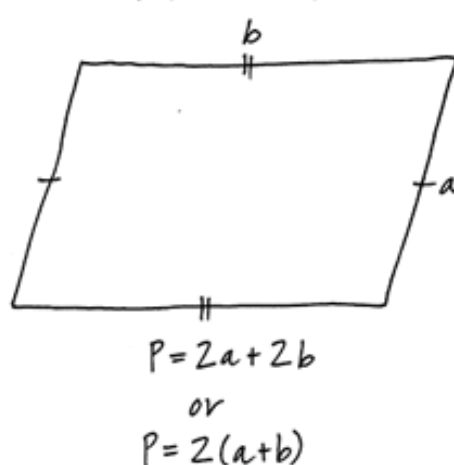
RHOMBUS



RECTANGLE



PARALLELOGRAM

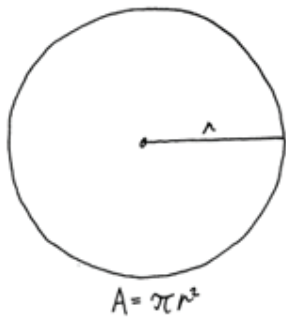


# FORMULA SHEET – AREA

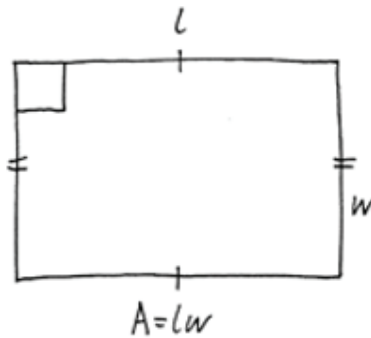
## CALCULATING AREA

Area is the size of a two-dimensional surface.

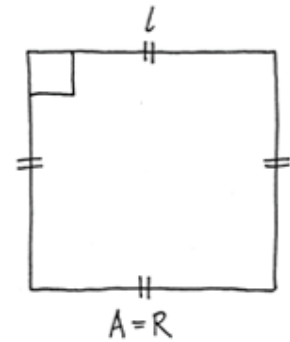
CIRCLE



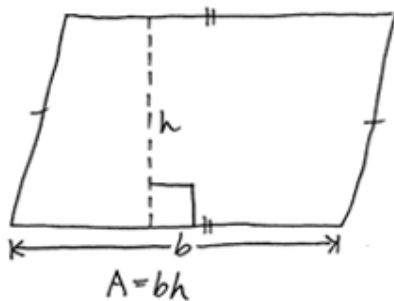
RECTANGLE



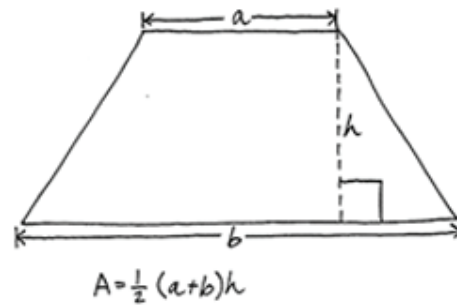
SQUARE



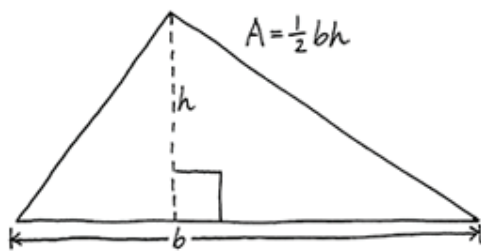
PARALLELOGRAM



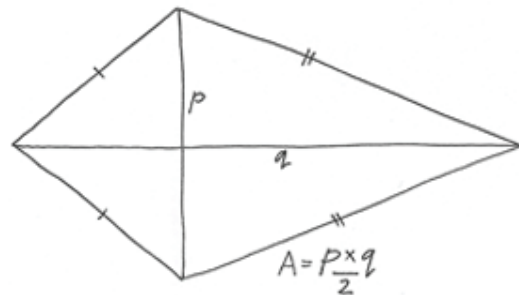
TRAPEZIUM



TRIANGLE



KITE

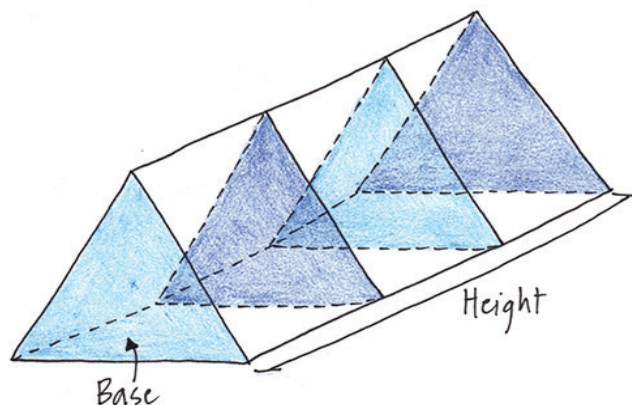


# FORMULA SHEET – VOLUME

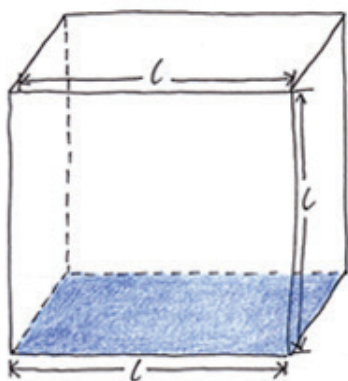
## CALCULATING VOLUME

Volume is the space occupied by a 3D shape. Volume of a prism can be calculated using  $V=Ah$  where  $A$  is the cross sectional area (base) and  $h$  is the height.

Triangle prism:

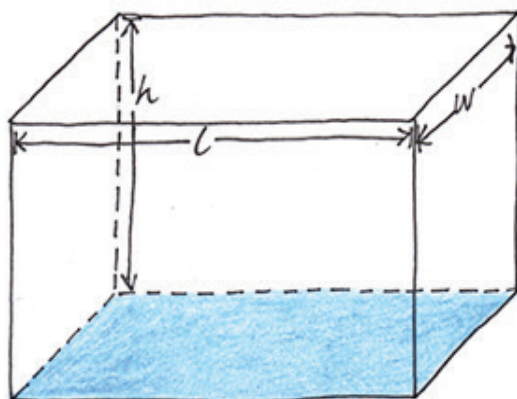
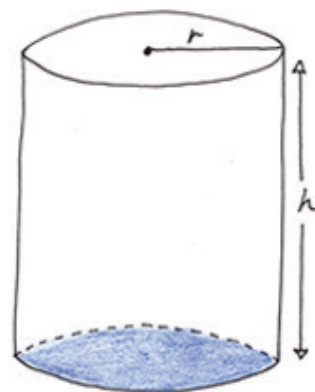


Some shapes have a special formula:



$$\text{Volume} = c^3$$

$$\begin{aligned} \text{Volume} &= \text{base area} \times \text{height} \\ &= \text{area of a circle} \times \text{height} \\ &= \pi r^2 h \end{aligned}$$



$$\text{Volume} = l \times w \times h$$