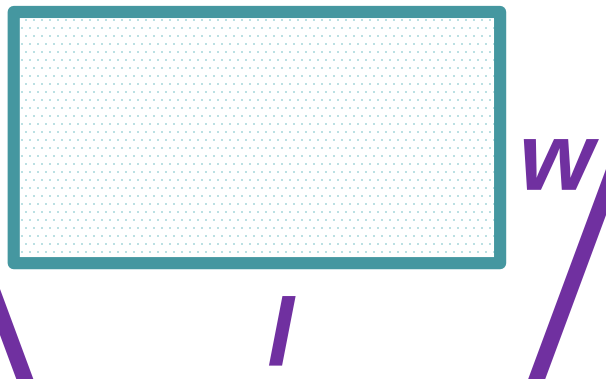
Area

Rectangle

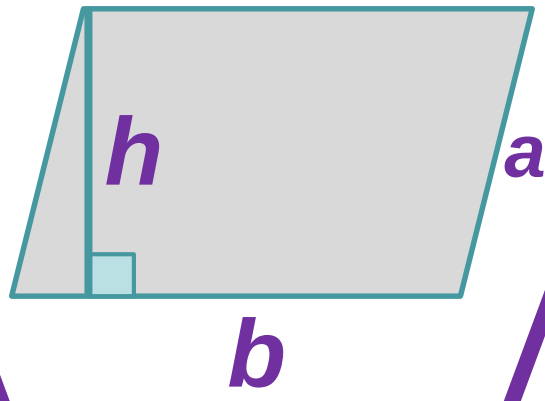
$l \times w$



Area

Parallelogram

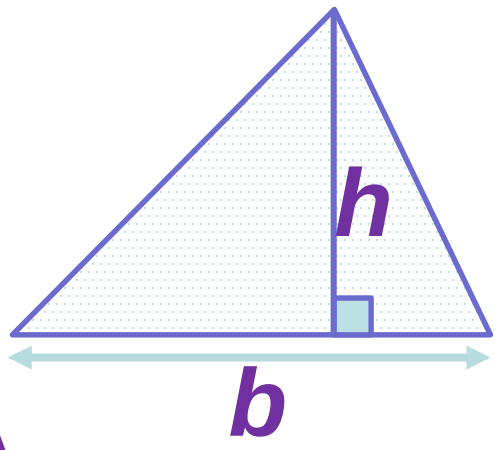
$b \times h$



Area

Triangle

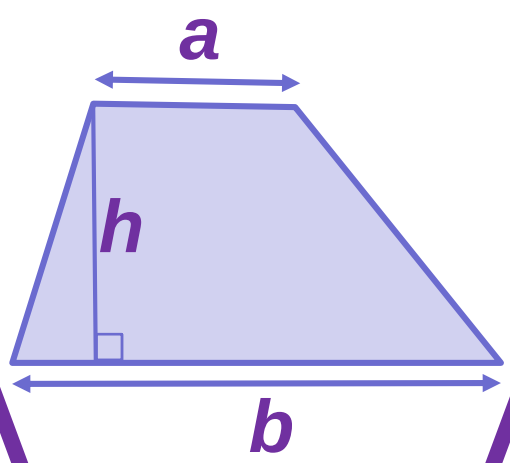
$$\frac{1}{2} b \times h$$



Area

Trapezium

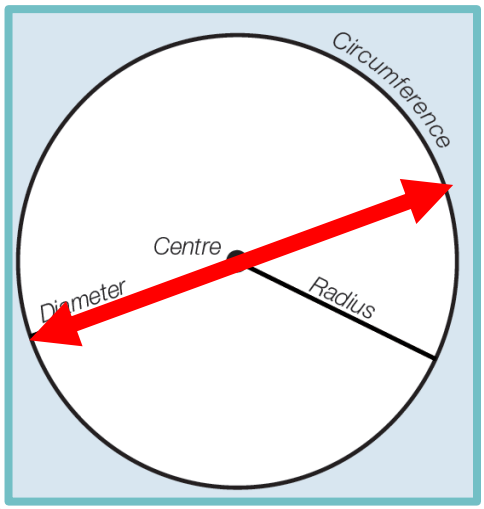
$$\frac{1}{2}(a + b)h$$



Circles

Circumference

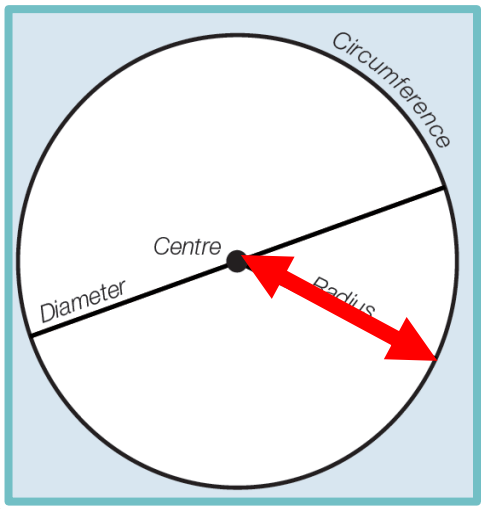
$\pi \times diameter$



Circles

Area

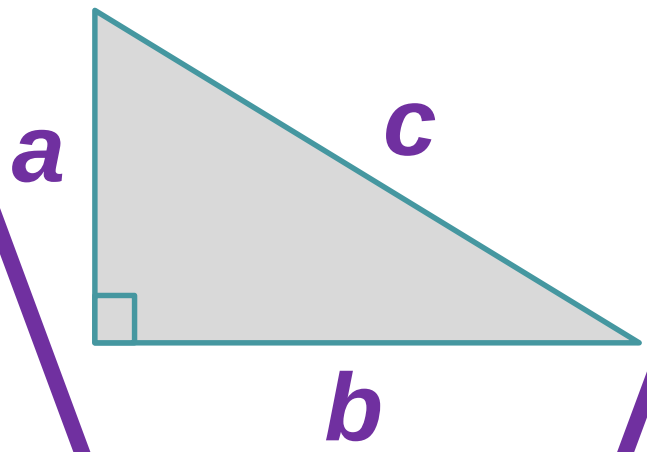
$$\pi \times radius^2$$



Pythagoras'

For right-angled triangles

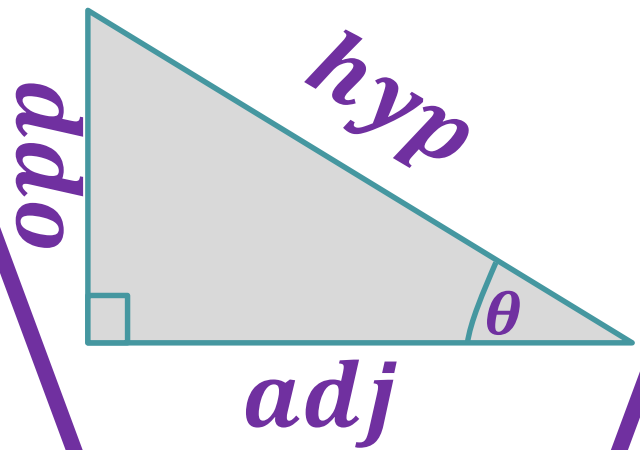
$$a^2 + b^2 = c^2$$



Trigonometry

New to Foundation tier

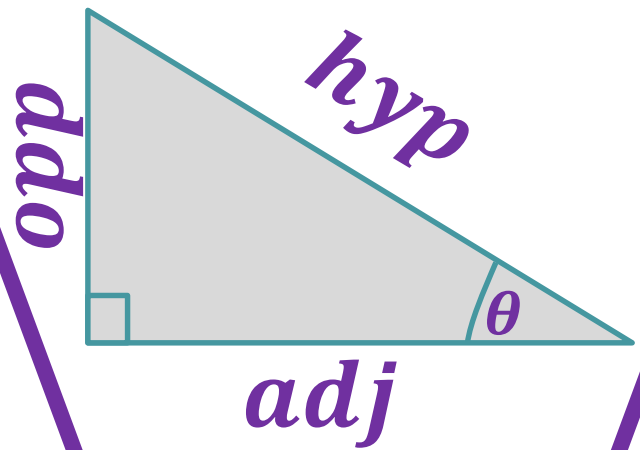
$$Sin\ \theta = \frac{opp}{hyp}$$



Trigonometry

New to Foundation tier

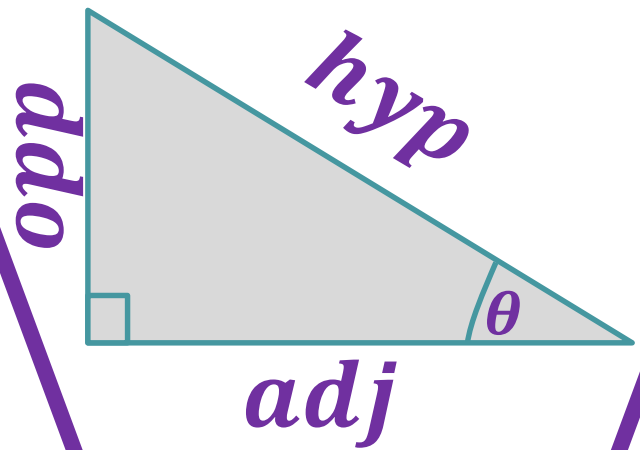
$$Cos\,\theta = \frac{adj}{hyp}$$

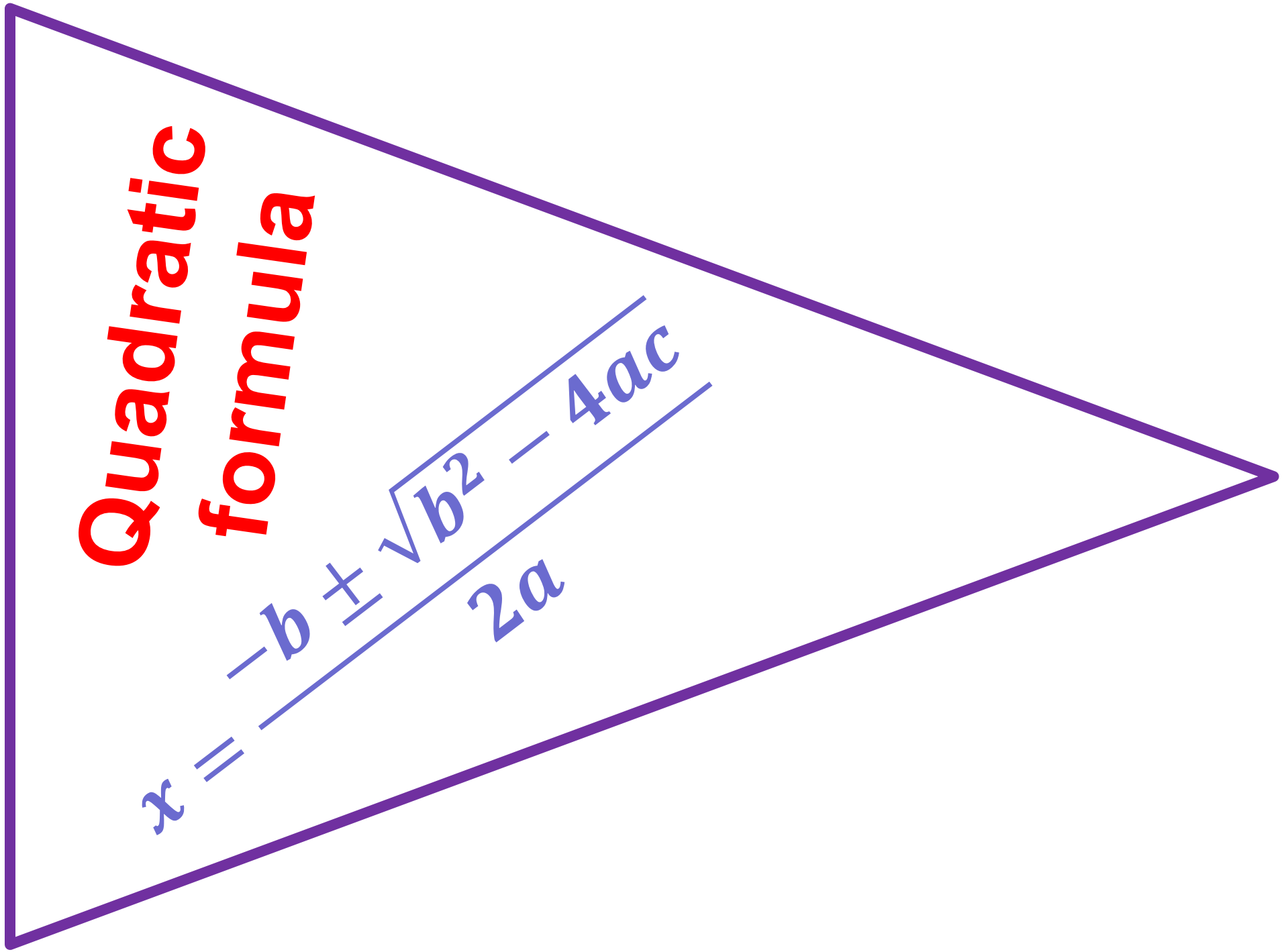


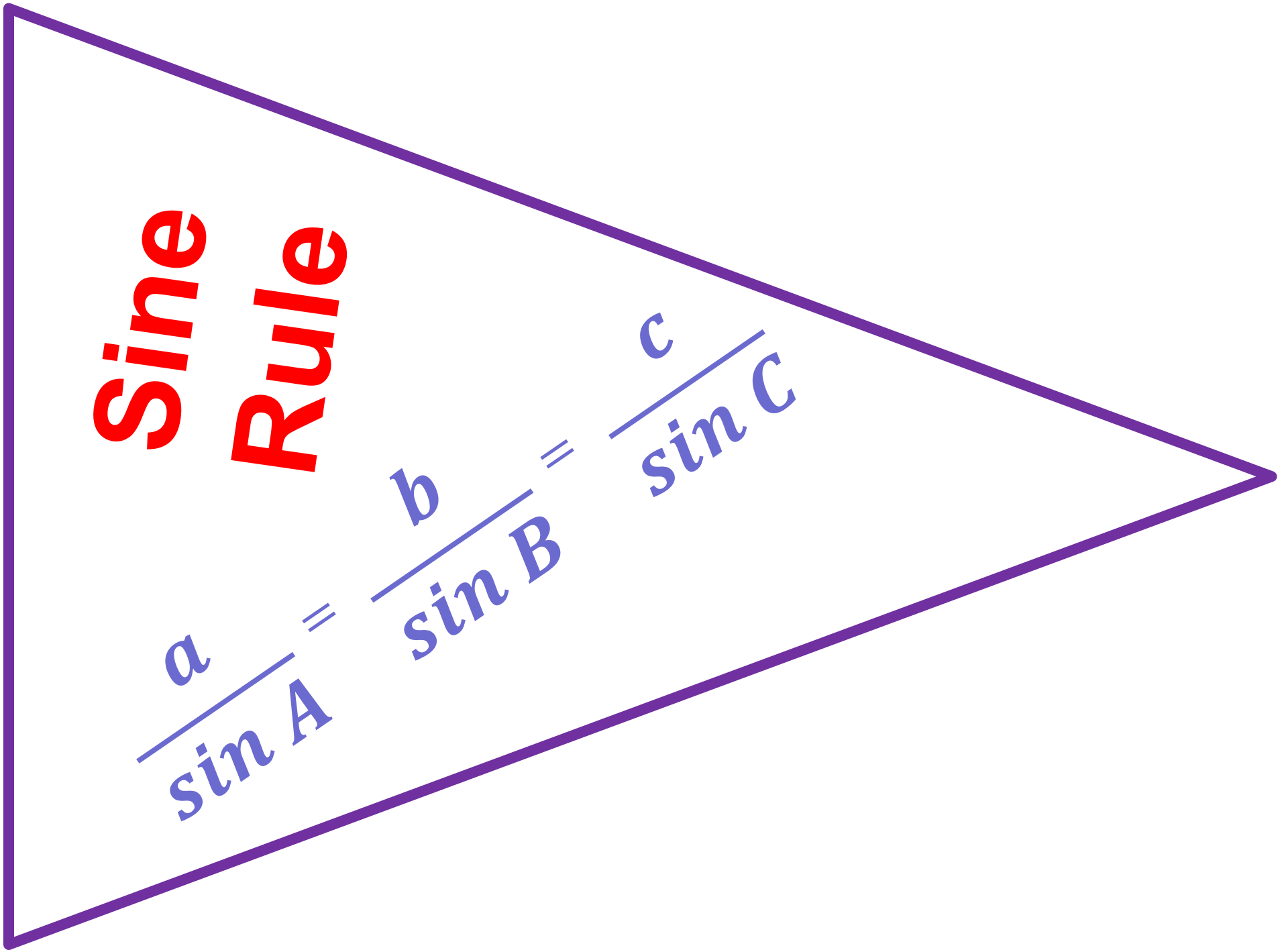
Trigonometry

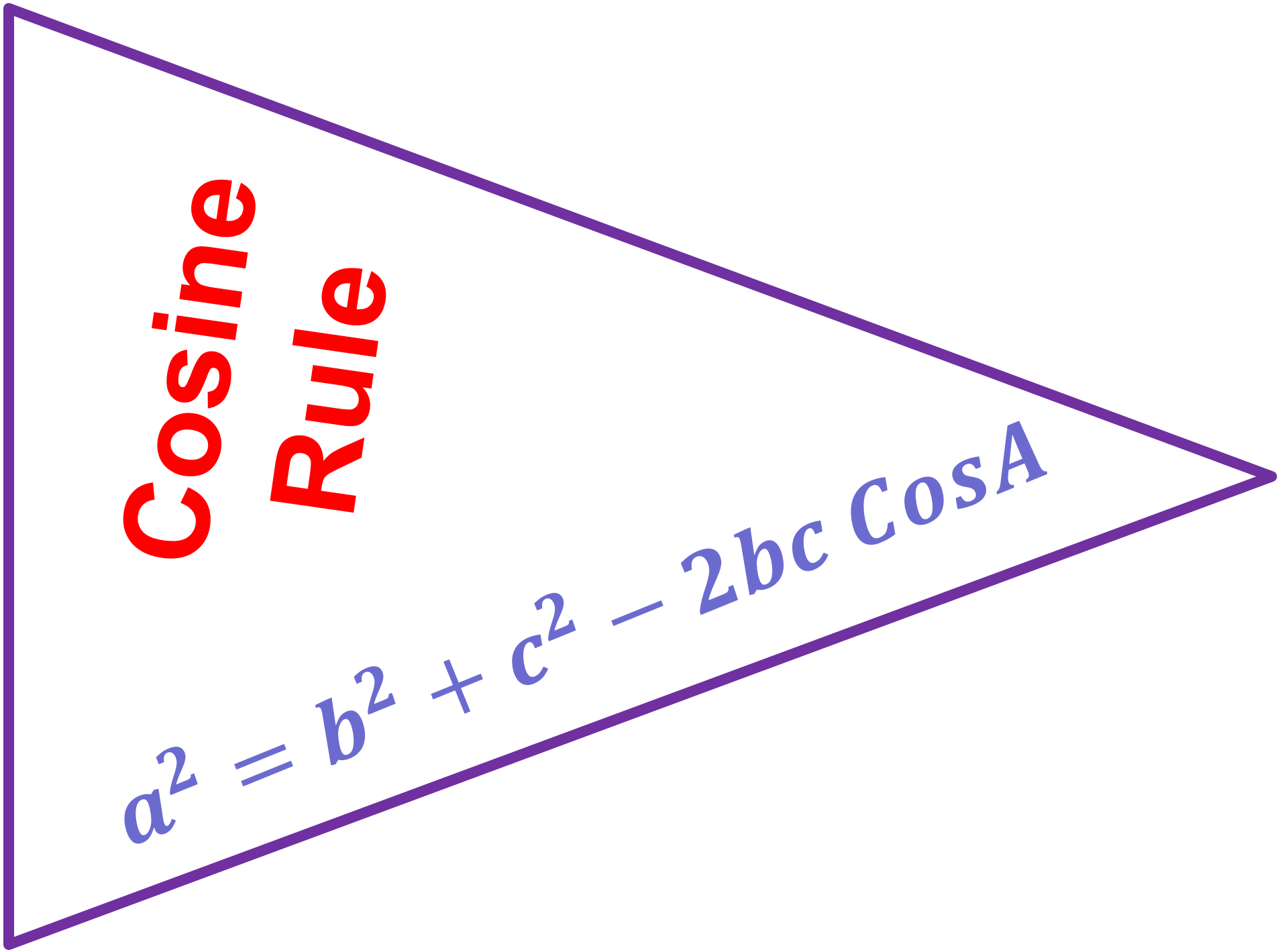
New to Foundation tier

$$Tan\,\theta = \frac{opp}{adj}$$




Quadratic formula
$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

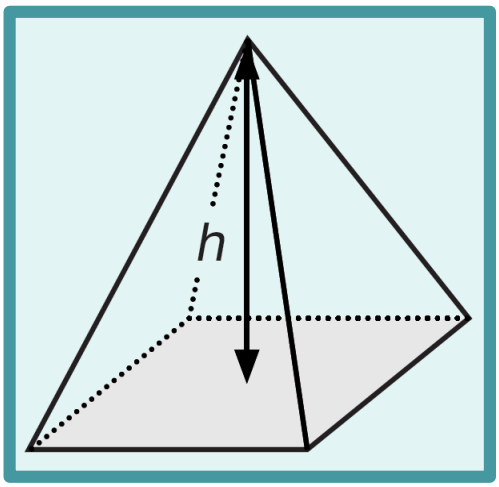

Sine Rule
$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$


Cosine Rule
$a^2 = b^2 + c^2 - 2bc\,CosA$

Volume

Pyramid

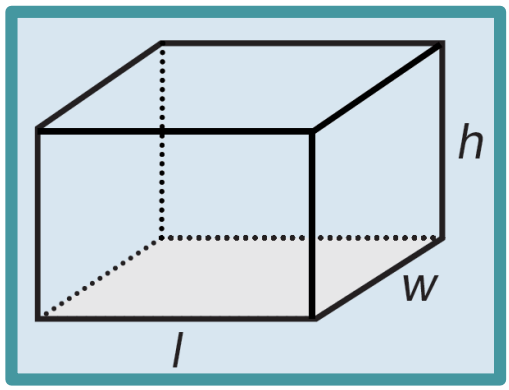
$\frac{1}{3}$ *area of base* x h



Volume

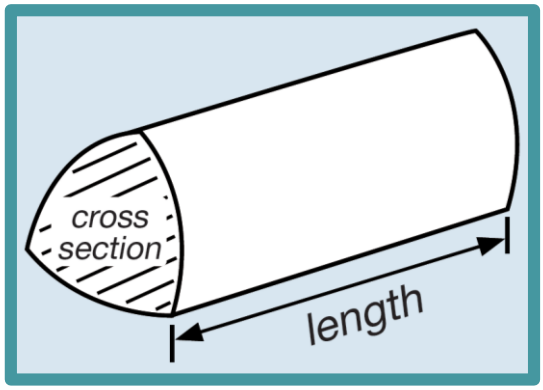
Cuboid

$$l \times w \times h$$



Volume
prism

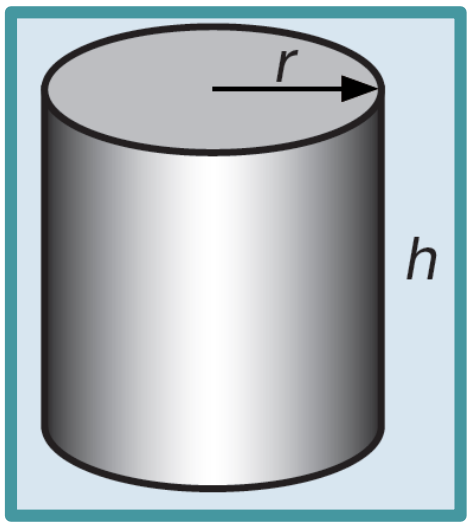
$$area\ of\ cross\ section \times length$$



Volume

cylinder

$$\pi r^2 h$$



Speed

$$speed = \frac{distance}{time}$$

Density

$$\text{density} = \frac{\text{mass}}{\text{volume}}$$

Pressure

$$\text{pressure} = \frac{\text{force}}{\text{area}}$$