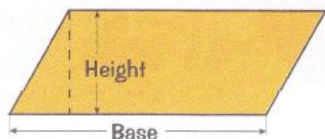


Area of triangle = $\frac{1}{2} \times \text{base} \times \text{vertical height}$

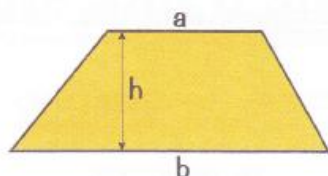
Note that the **height** must always be the **vertical height**, not the sloping height.

$$A = \frac{1}{2} \times b \times h_v$$



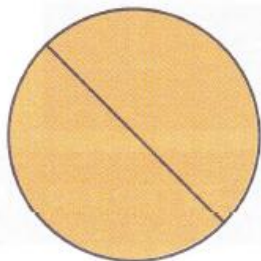
Area of parallelogram = base \times vertical height

$$A = b \times h_v$$



Area of trapezium = average of parallel sides \times distance between them

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

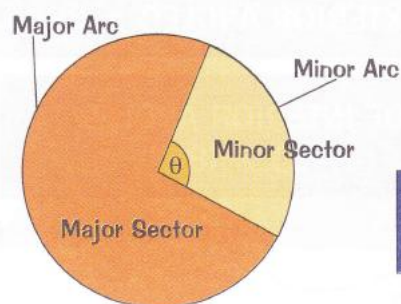


Area of circle = $\pi \times (\text{radius})^2$

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

Circumference = $\pi \times \text{diameter}$

$$C = \pi \times D$$



Area of Sector = $\frac{\theta}{360} \times \text{Area of full Circle}$

Length of Arc = $\frac{\theta}{360} \times \text{Circumference of full Circle}$