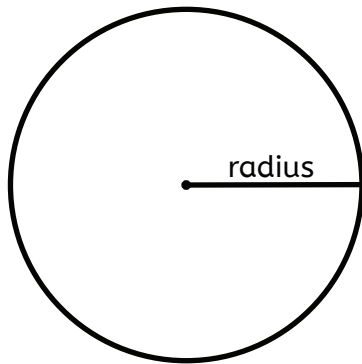


# How to calculate the area of common two-dimensional shapes

## Area of a circle

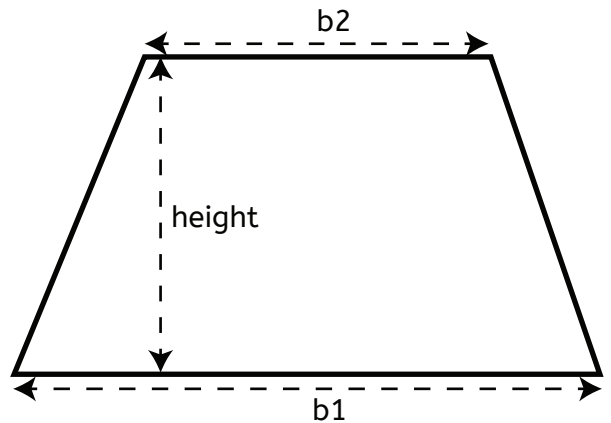
Multiply Pi ( $\pi$ ) by the radius squared.  
 $\pi = 3.14$



$$\text{area} = \pi \times r^2$$

## Area of a trapezium

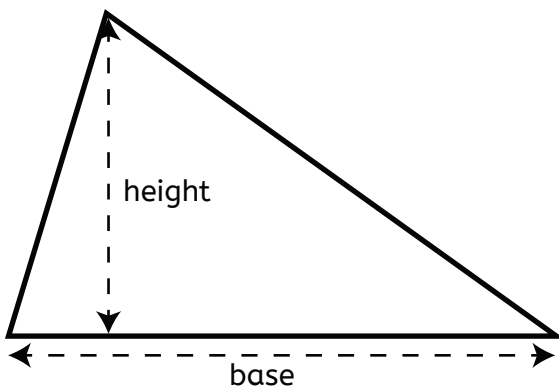
Multiply half the sum of the parallel sides by the height.



$$\text{area} = \frac{1}{2} (b1 + b2) \times \text{height}$$

## Area of a triangle

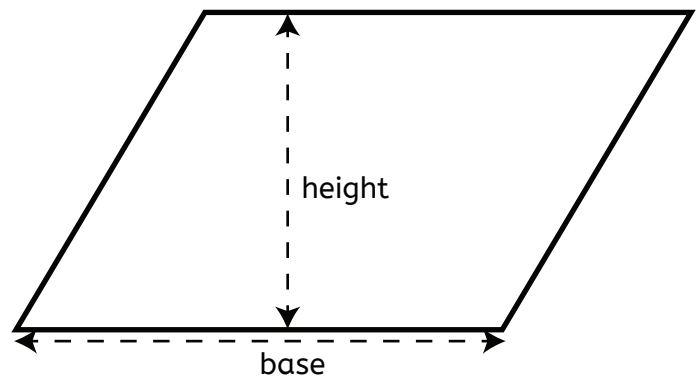
Multiply half the length of the base by the height.



$$\text{area} = \frac{1}{2} \times \text{base} \times \text{height}$$

## Area of a parallelogram

Multiply the length of the base by the height.



$$\text{area} = \text{base} \times \text{height}$$