

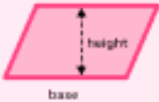

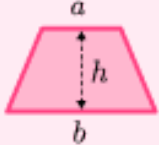



# Area

## Facts

Area is the amount of space in a 2D shape.  
The units for area are typically  $\text{mm}^2$ ,  $\text{cm}^2$ ,  $\text{m}^2$  or  $\text{km}^2$

Shape	Formula
Triangle 	$\text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$
Rectangle 	$\text{Area} = \text{base} \times \text{height}$
Parallelogram 	$\text{Area} = \text{base} \times \text{height}$
Rhombus 	$\text{Area} = \frac{1}{2} \times \text{width} \times \text{height}$ $\text{Area} = \frac{1}{2} \times \text{diagonal} \times \text{diagonal}$
Trapezium 	$\text{Area} = \frac{1}{2}(a + b)h$
Circle 	$\text{Area} = \pi r^2$