

Area

Facts

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