



Year 4 - Area

Key vocabulary

Area	the total space taken up by a flat (2-D) surface or shape of an object.
Length	the distance from one point to the other.
Width	the horizontal measurement or distance measured from side to side.
Square Centimetre cm ² .	The area equal to a square that is 1 centimeter on each side. Used for measuring small areas such as on drawings. The symbol is cm ²
Squared Meter m ² .	The area equal to a square that is 1 meter on each side. Used for measuring areas of rooms, houses, blocks of land, etc. The symbol is m ²

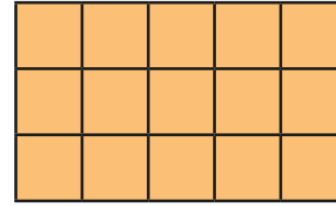
What is area?



Area is the amount of space taken up by a 2D shape or surface.

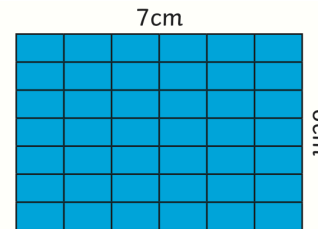
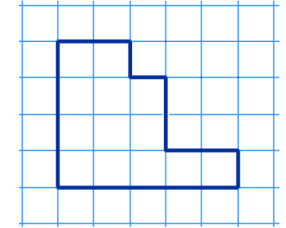
Area is measured in square units.
squared centimetres (cm²)
squared metres (m²)
squared kilometres (km²)

Area by Counting Square



There are 3 rows altogether.
There are 5 squares in a row.
3 rows of 5 squares = 15 squares
The area of the shape is 15 squares.

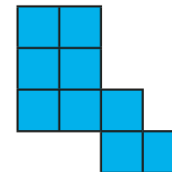
To find the area of an irregular shape, you would count all the squares inside the shape.



The **area**:
7cm × 6cm = 42cm²

Comparing Areas

Shape A



The area of this shape is 9

Shape B



The area of the shape is 8 squares

Shape A has a larger area

