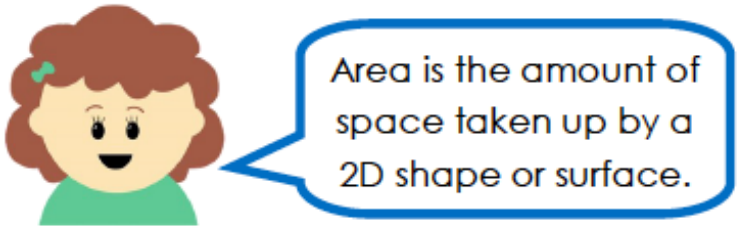
Year 4 - Area

Key vocabulary

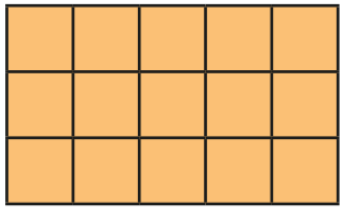
Area	*the total space taken up by a flat (2-D) surface or shape of an object.*
Length	*the distance from one point to the other.*
Width	*the horizontal measurement or distance measured from side to side.*
Square Centimetre cm^2.	*The area equal to a square that is 1 centimeter on each side. Used for 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?



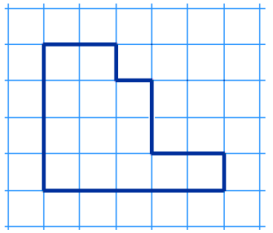
Area is measured in square units.
squared centimetres (**cm^2**)
squared metres (**m^2**)
squared kilometres (**km^2**)

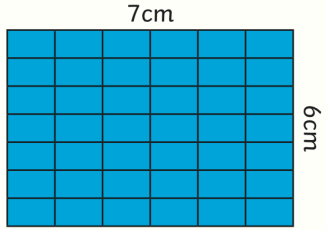
Area by Counting Square



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.

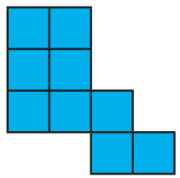




The **area**:
7cm × 6cm = 42cm^2

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