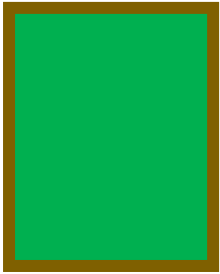


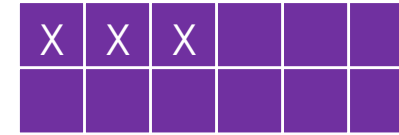
## Y4 AREA



Area is a measurement of the space **inside** a 2D shape or a surface.

A farmer puts a fence around the **outside** of a field = perimeter.

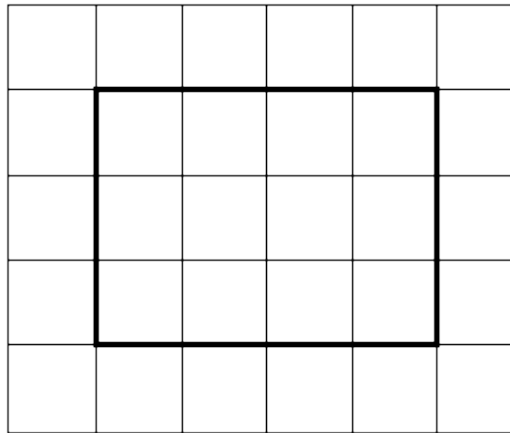
Crossing the squares as we count them helps us to not count the same square twice.



We measure area in unit squares.

This rectangle has an area of 12 cm<sup>2</sup>.

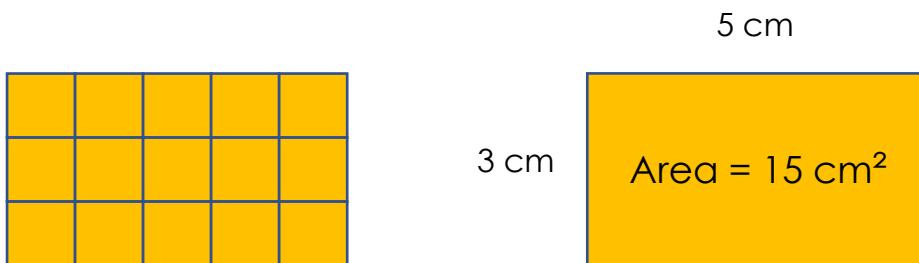
We can count the squares inside the shape.



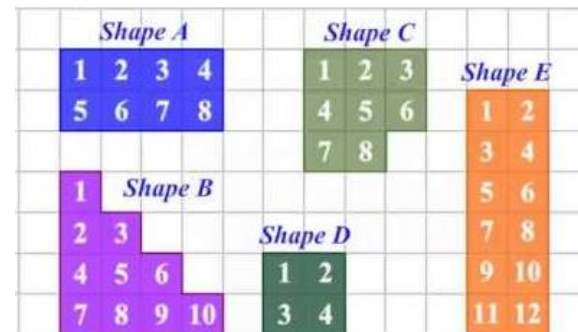
### VOCABULARY

- area
- measure
- surface
- square units
- squared <sup>2</sup>
- perpendicular
- rectilinear
- blank array

Using times tables (or blank arrays) is a more efficient way to find the area.



5 squares in 1 row.  
There are 3 rows altogether.  
3 rows of 5 squares = 15 squares.



We can compare areas using < (less than) and > (greater than).

The area of shape B is > the area of shape A.

The area of shape D is < the area of shape C.

Shape E has the greatest area.