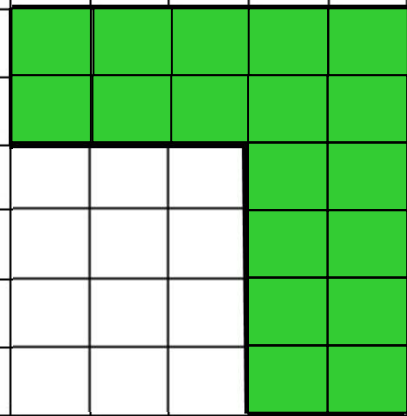




Area

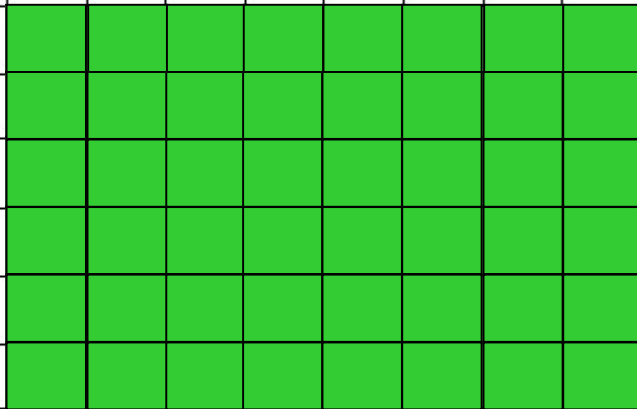
To find out how much shape is inside we can
count the squares.



The area of the shape is 18cm^2 .

The rectangle is made of 6 rows of 8 squares.

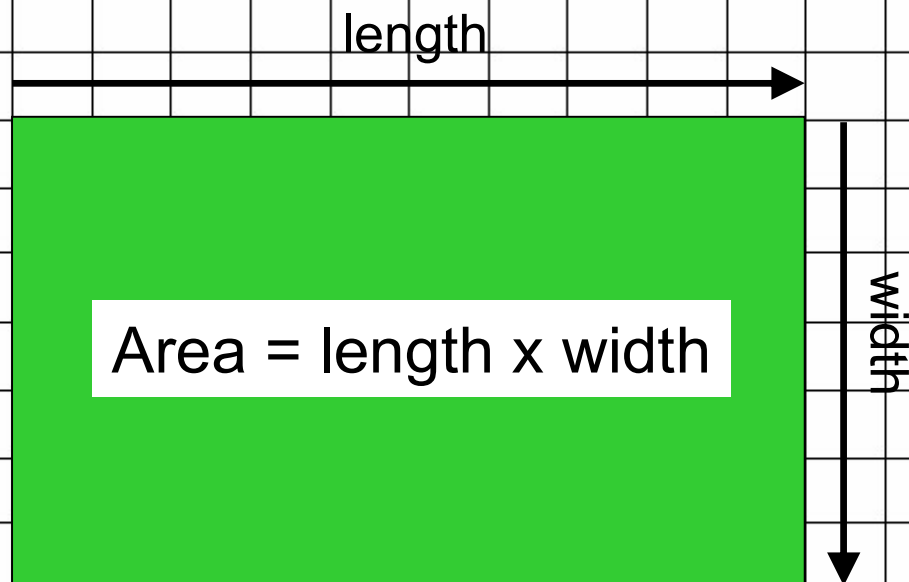
To work out the number of squares
we times 6 by 8.

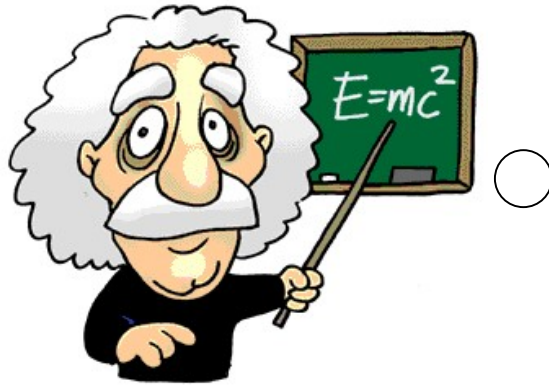


Counting the
squares can take a
long time so
multiplying is
quicker...

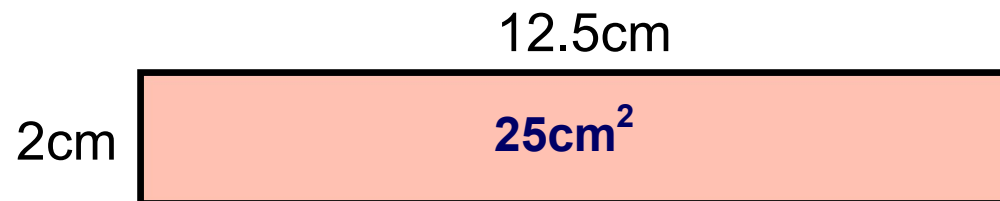
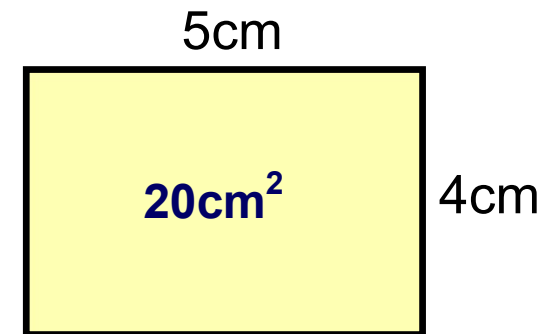
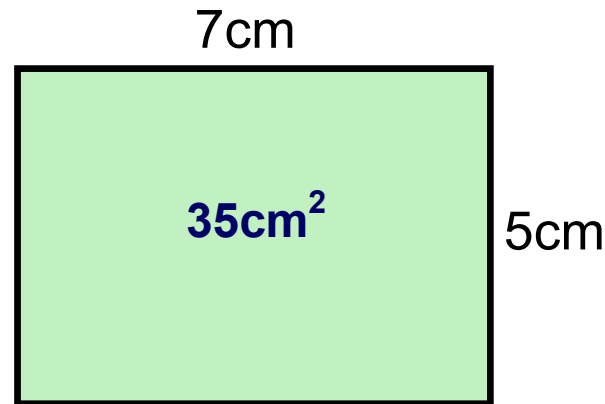
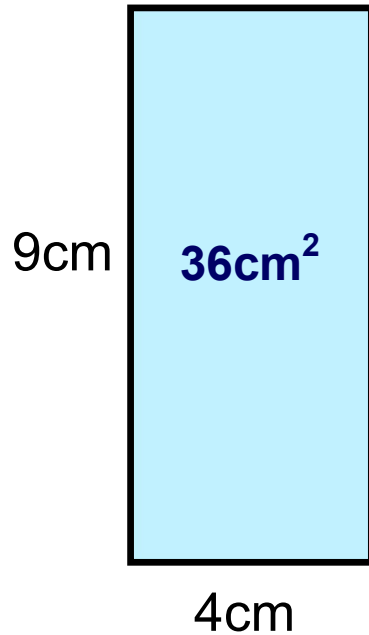
The area of the shape is 48cm^2 .

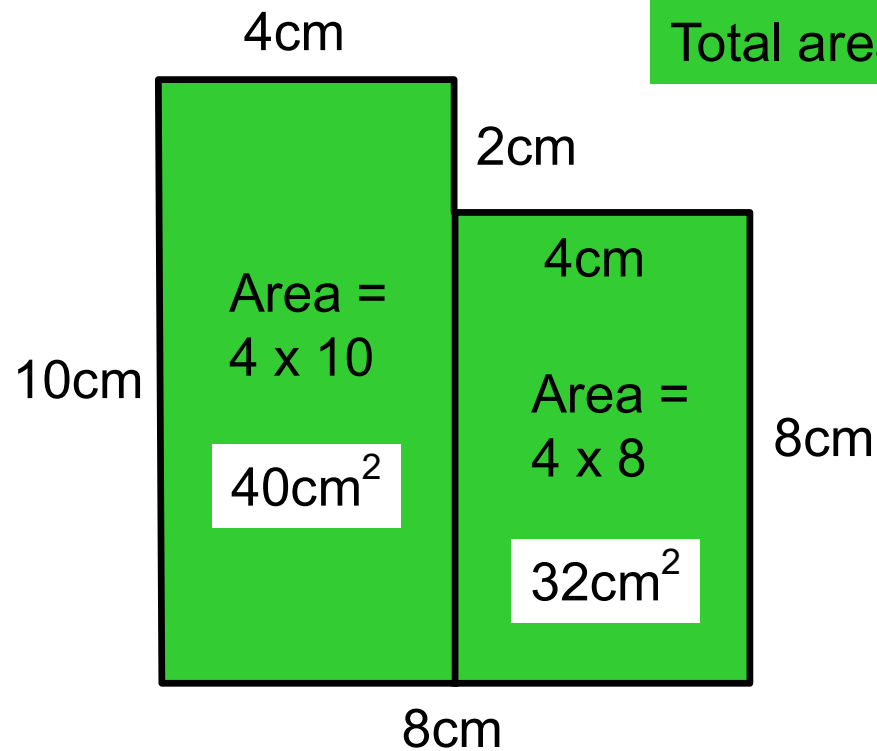
We can work out the area of a rectangle without the grid.





Now work out the
area of these
rectangles.
They are not drawn
to scale.

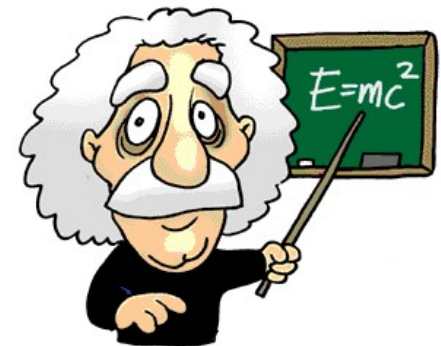


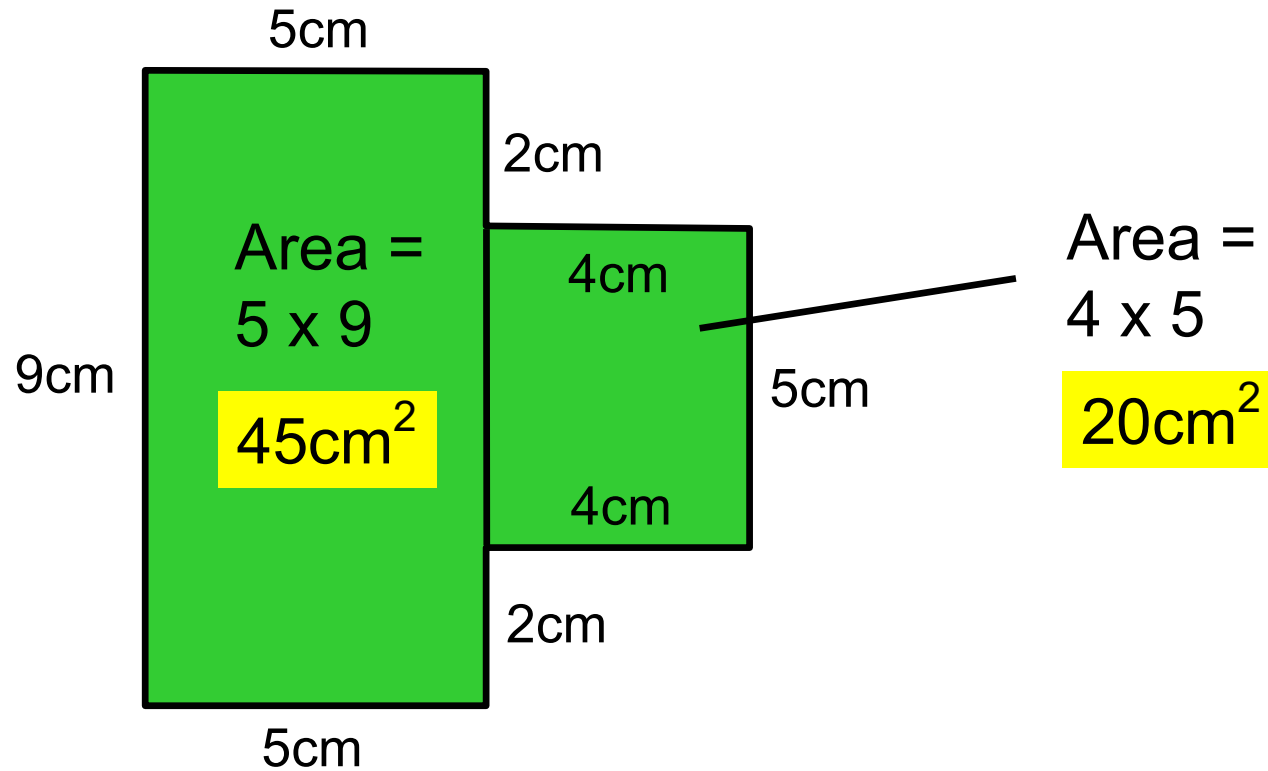


$$\text{Total area} = 40 + 32 = 72 \text{ cm}^2$$

To find the area of this shape we have to split it up into two rectangles.

A shape that is made from other shapes is known as a composite shape.





$$\text{Total area} = 45 + 20 = 65 \text{ cm}^2$$

$$\text{Perimeter} = 36 \text{ cm}$$

$$\text{Total area} = 10 + 36 = 46 \text{ cm}^2$$

$$\text{Perimeter} = 34 \text{ cm}$$

