

First, begin the lesson by completing a simulation of the year 4 multiplication test.

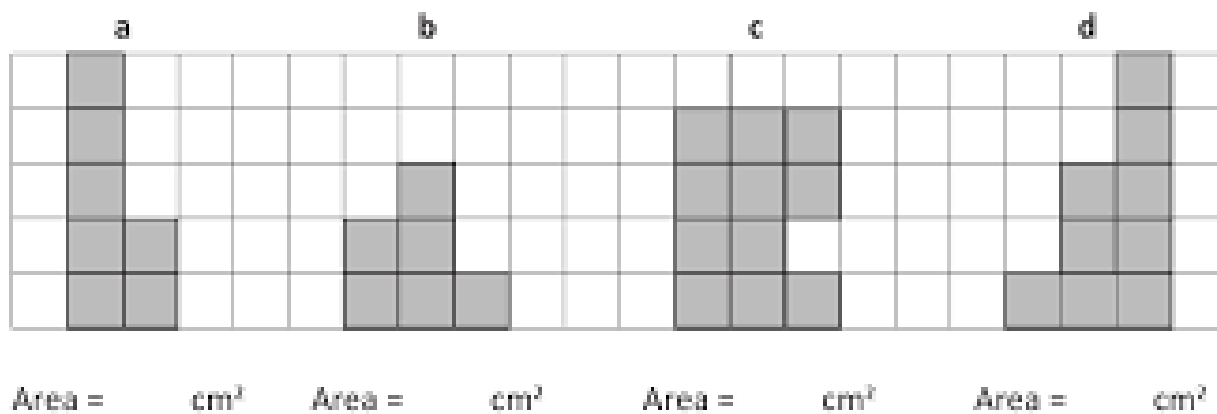
<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

This link should allow you to access it. You have 25 random times table questions to answer and you are given 6 seconds to answer each one. Try not to use any times tables sheets/resources to help you, we need to be fluent by now!

Today, we will be calculating the area of shapes by counting their squares. Remember, the area is the whole surface of the shape so you must count every single square inside it. To make sure you don't miss any squares out, put a little dot or line in each one to show you have counted it.

First, I would like you to explain what the area of a shape is in your book.

Next, let's look at the following four rectilinear shapes (shapes that only have right angles). Shape A has 7 squares, meaning its area is 7cm^2 . Don't forget that area must have the correct unit of measurement² at the end of it! (usually cm^2)



Now, I would like you to draw and calculate the areas of shape B, C and D in your book.

On the website, you will notice that there is a worksheet labelled 'Calculating area by counting squares'. It is 11 pages long but you **do not** need to do all 11 pages! It has three sections to it which range in difficulty from 1 star to 3 stars.

If you would like to complete the 1-star work, print and complete pages 2, 3 and 4.

If you would like to complete the 2-star work, print and complete pages 5, 6 and 7.

If you would like to complete the 3-star work, print and complete pages 8, 9 and 10.

You need to cut out the shapes and calculate how many squares are inside each shape by measuring them on the counting grid. Once you've calculated the area, stick the shape in your book and write what its area is next to it.

If you do not have a printer, don't worry. You can draw your own rectilinear shapes and calculate the area of each one. If you have some squared paper, this will make it easier.

REMEMBER: cm^2

Now it's time for you to practise your maths skills using [Mathletics](https://www.mathletics.co.uk) and [Timestables.co.uk](https://www.timestables.co.uk).
Have fun! Keep learning your times tables.

If you need any help at all or would like to send me pictures of your amazing work, please email myself and Miss Senior. To those of you who received pens last week - I would love to see your handwriting!



Miss Jackson: s.jackson@wistow.n-yorks.sch.uk

Miss Senior: s.senior@wistow.n-yorks.sch.uk