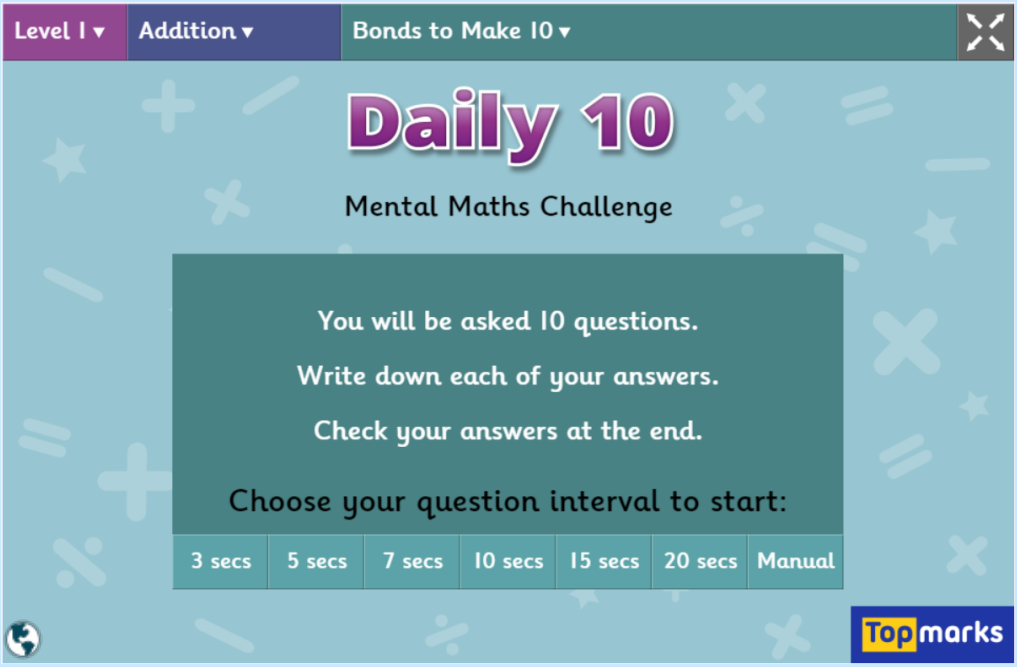
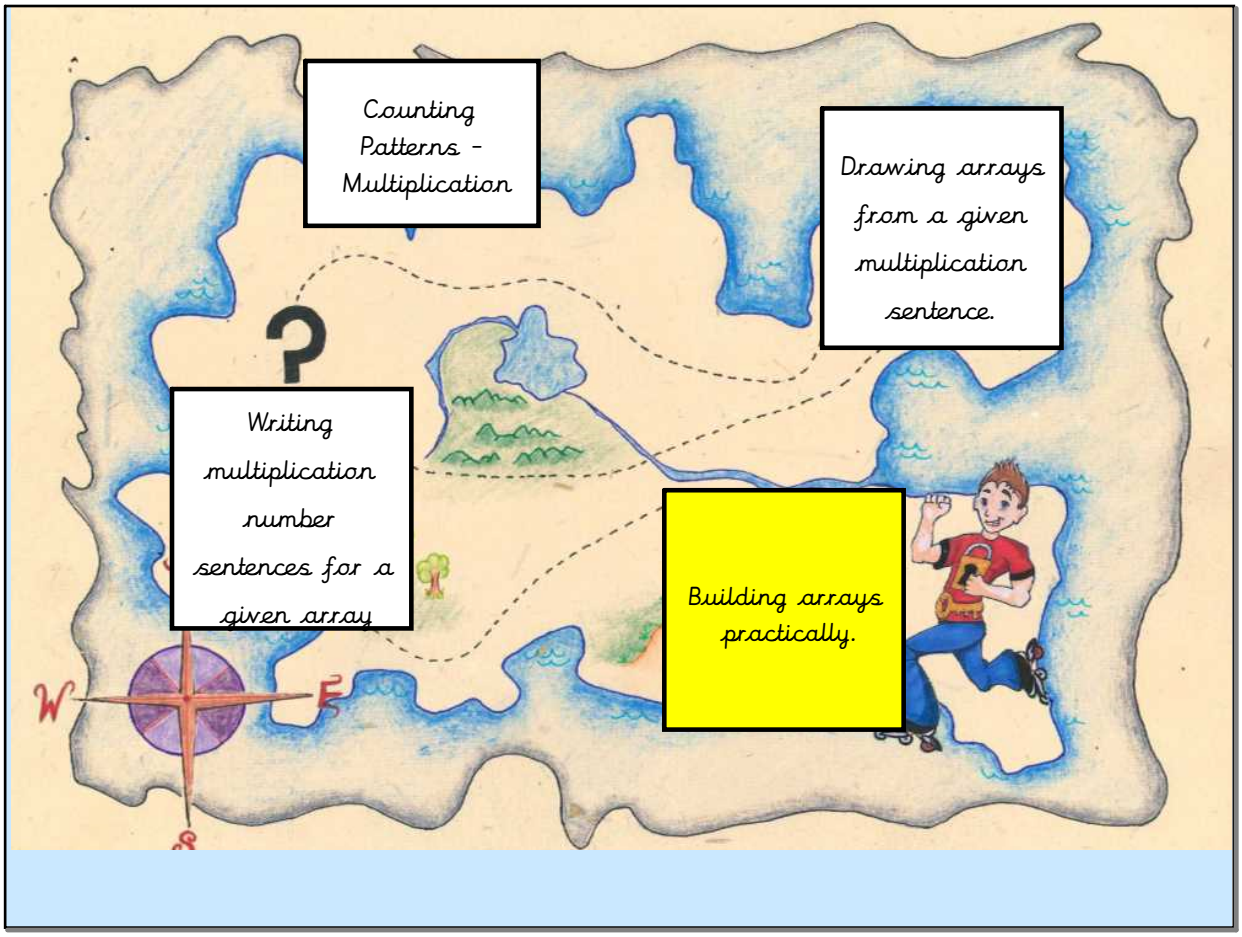
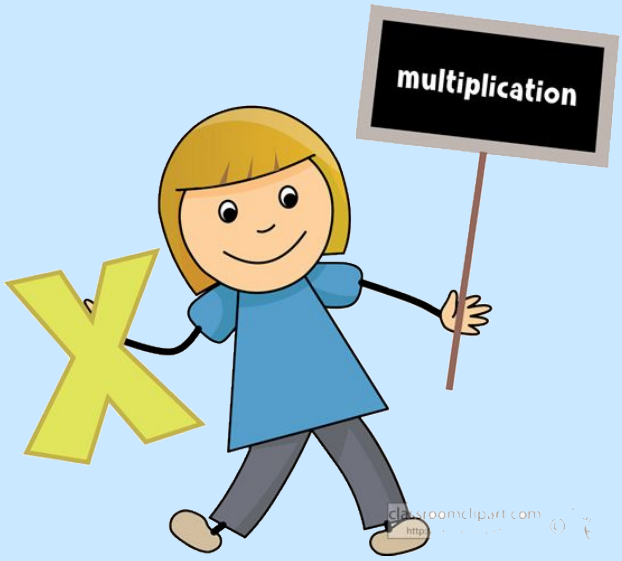
Warm up time...




Level 1
Addition
Bonds to Make 10
Daily 10
Mental Maths Challenge
You will be asked 10 questions.
Write down each of your answers.
Check your answers at the end.
Choose your question interval to start:
3 secs
5 secs
7 secs
10 secs
15 secs
20 secs
Manual
Topmarks

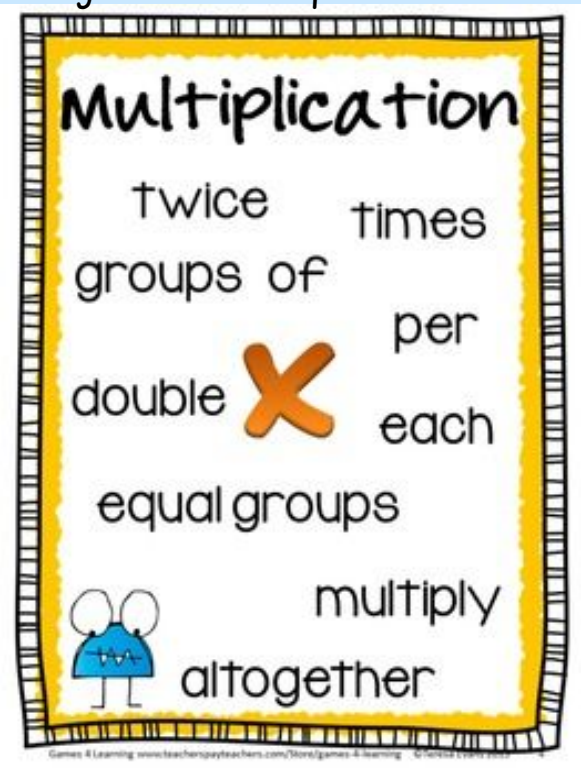

Counting Patterns - Multiplication
Drawing arrays from a given multiplication sentence.
Writing multiplication number sentences for a given array
Building arrays practically.
W
E
S

This week we are going to be focusing on multiplication!

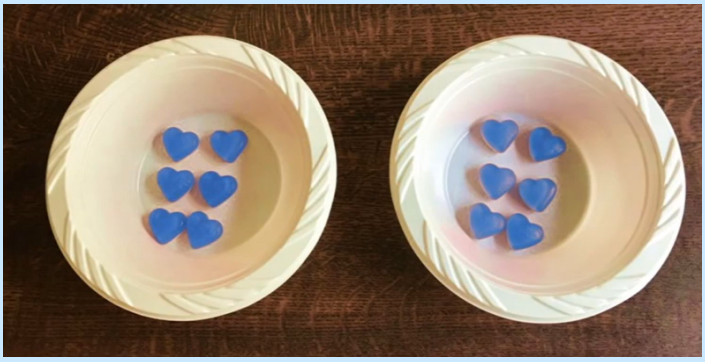


What is multiplication?

Other words for multiplication:



Here I have 2 bowls of sweets.



How many are in each bowl? Are they equal?

or

I can write it like this...



There are two groups of six.

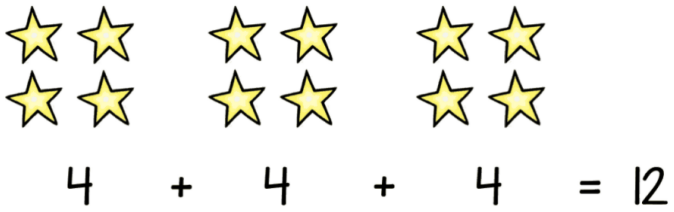
$$2 \times 6$$

number **of** groups

number **in** **each** group

When teaching multiplication, we would normally start with the idea of **repeated addition.**

So, for example, here we have the number sentence 3 x 4 = 12 shown as repeated addition:

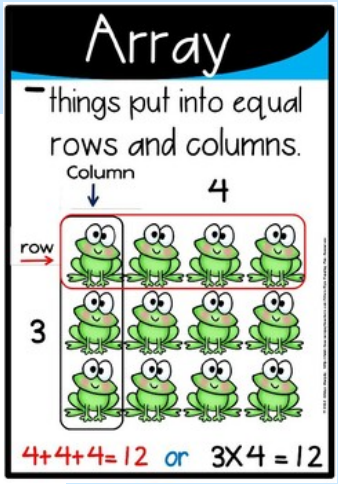


We can also look at multiplication in terms of **equal groups.**

For example, we can show 3 x 4 = 12 like this:



Arrays



An array is basically a number of objects or pictures arranged in rows and columns.

Let me show you by using our number sentence 3 x 4 = 12.

To show this number sentence as an array, let's just arrange the stars in 3 ***rows of*** 4, instead of groups. Like this:



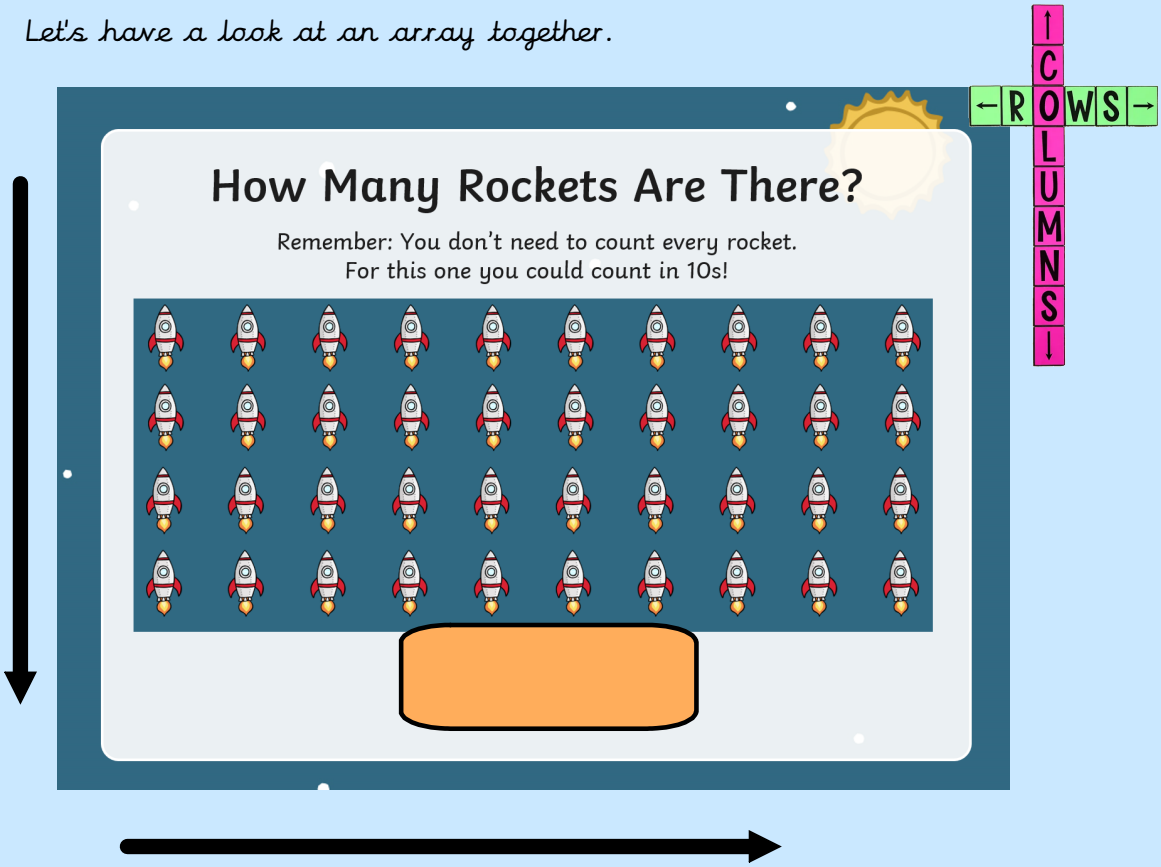


What array has been shown here?

Can you think of the number sentence to match this array?

Can this be shown another way?

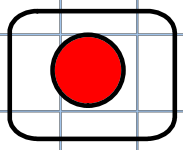
Let's have a look at an array together.



How can I show 2 x 5 as an array?

COLUMNS

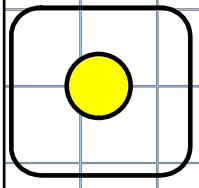
ROWS

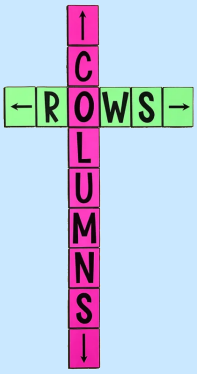


How can I show 4 x 2 as an array?

COLUMNS

ROWS





Now it's your turn.

1. Choose a multiplication sentences from the basket.

2. Use the resources to create your own array.

Remember to think about the columns and rows!