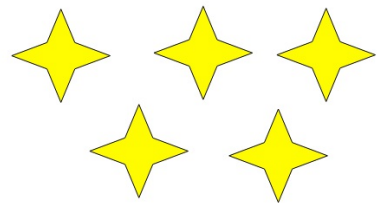
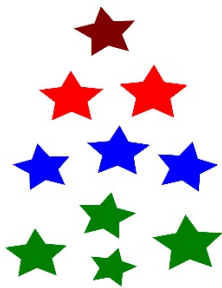


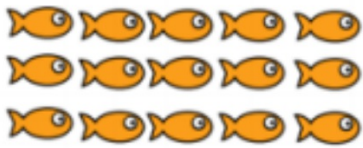
Can you remind someone at home what an array is?

Which of these are arrays?

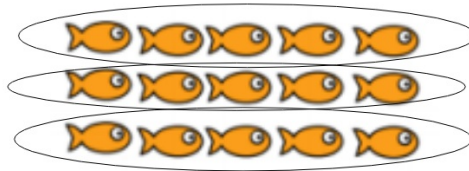
How do you know?



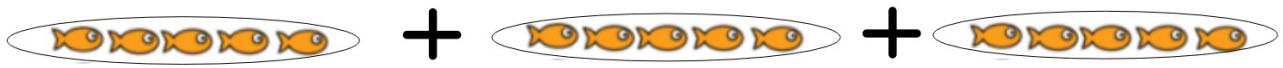
Can you make an array at home using some objects.
How many are in each row/column?



Have a look at this array.
Can you make groups of 5?



How many groups of 5 are there? There are 3 lots of 5!
We can show this using repeated addition:


$$5 + 5 + 5$$

Can you count in 5's to work out the answer?

$$5 + 5 + 5 = 15$$

You can match arrays to their repeated addition number sentence by grouping the array.

Circle each group to find out how many groups there are.

This is the amount of times you will add the number.

The number you are adding is the amount of objects in one group.

5 groups of 2

4 groups of 2

3 groups of 5

$2+2+2+2=8$

$5+5+5=15$

$2+2+2+2+2=10$

The diagram illustrates matching arrays to repeated addition sentences. It features three arrays of objects, each with a label indicating the number of groups and the size of each group. To the right are three repeated addition sentences. Red lines connect the arrays to the correct equations: the array of 5 groups of 2 cubes is connected to $2+2+2+2+2=10$; the array of 4 groups of 2 pears is connected to $2+2+2+2=8$; and the array of 3 groups of 5 fish is connected to $5+5+5=15$.

To check your answer, count the objects in the array and see if the answer is the same!

Here is a repeated addition number sentence.

Start by seeing what number you're adding. How many objects will be in a group?

2 (because we are adding 2 each time)

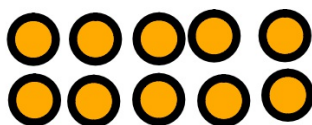
How many times are we adding?

5

Group the buttons into 5 groups of



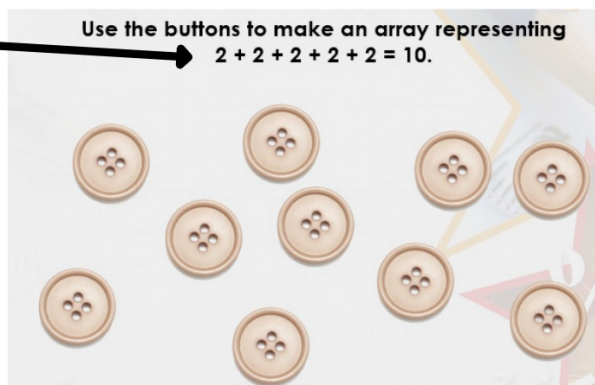
Then line each group up to make an array



OR



Use the buttons to make an array representing $2 + 2 + 2 + 2 + 2 = 10$.



I'm going to have a go at drawing some arrays.

The first thing I need to do is check how many rows or columns I need. Have you spotted it? Each row has 5 sweets!

Then I need to find out how many rows there are. Have you found it?

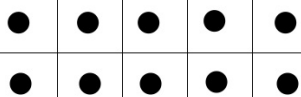
There are 2 rows of sweets!

Now I need to draw 2 rows, each with 5 sweets.

I could use dots to represent each sweet or draw the sweets.

There are 2 rows of sweets.

Each row has 5 sweets in.



$$2 + 2 + 2 + 2 + 2 = 10$$

Now look at this next question - it looks super similar! What is the same and what is different? See if you can draw this array!

There are 5 rows of sweets.

Each row has 2 sweets in.