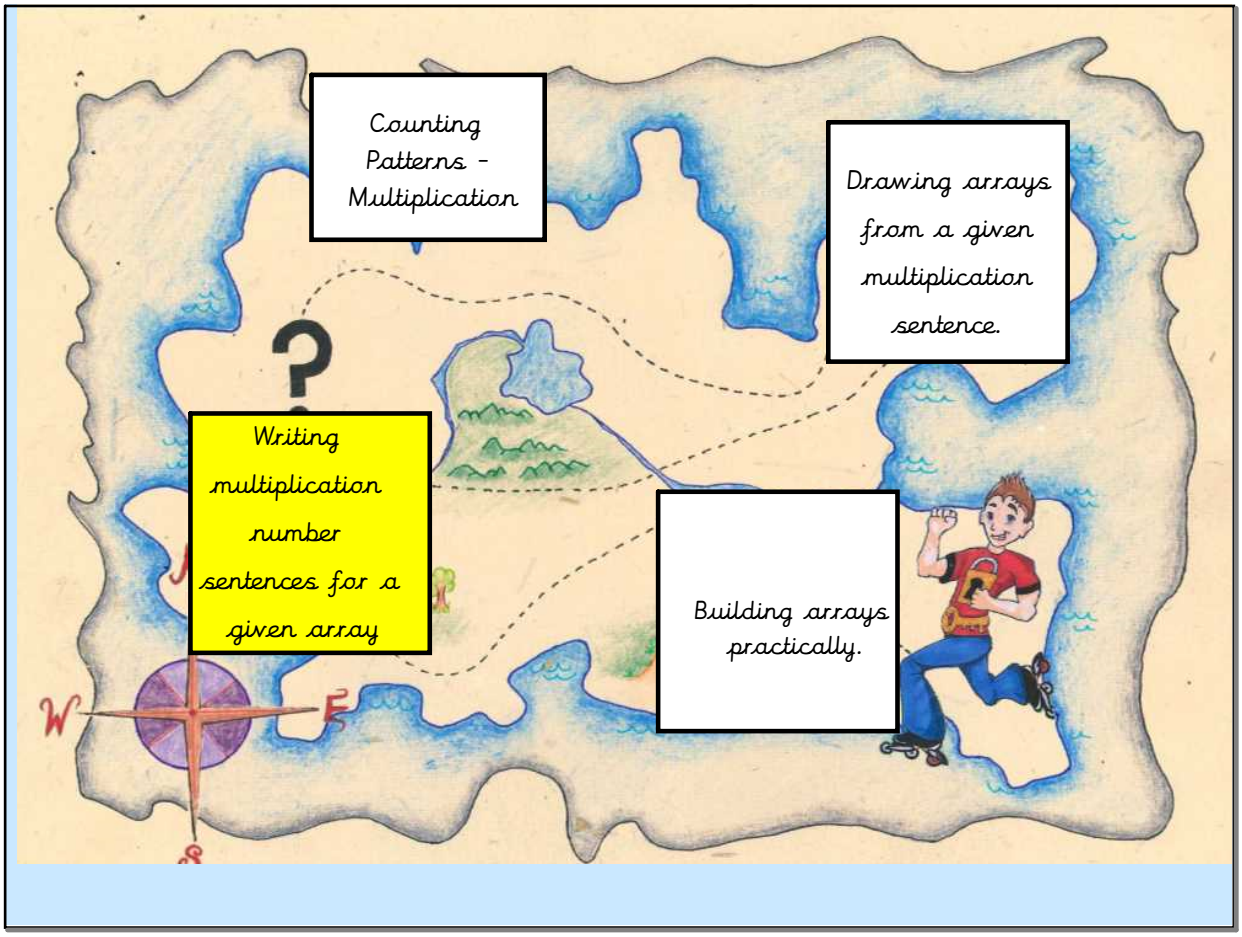
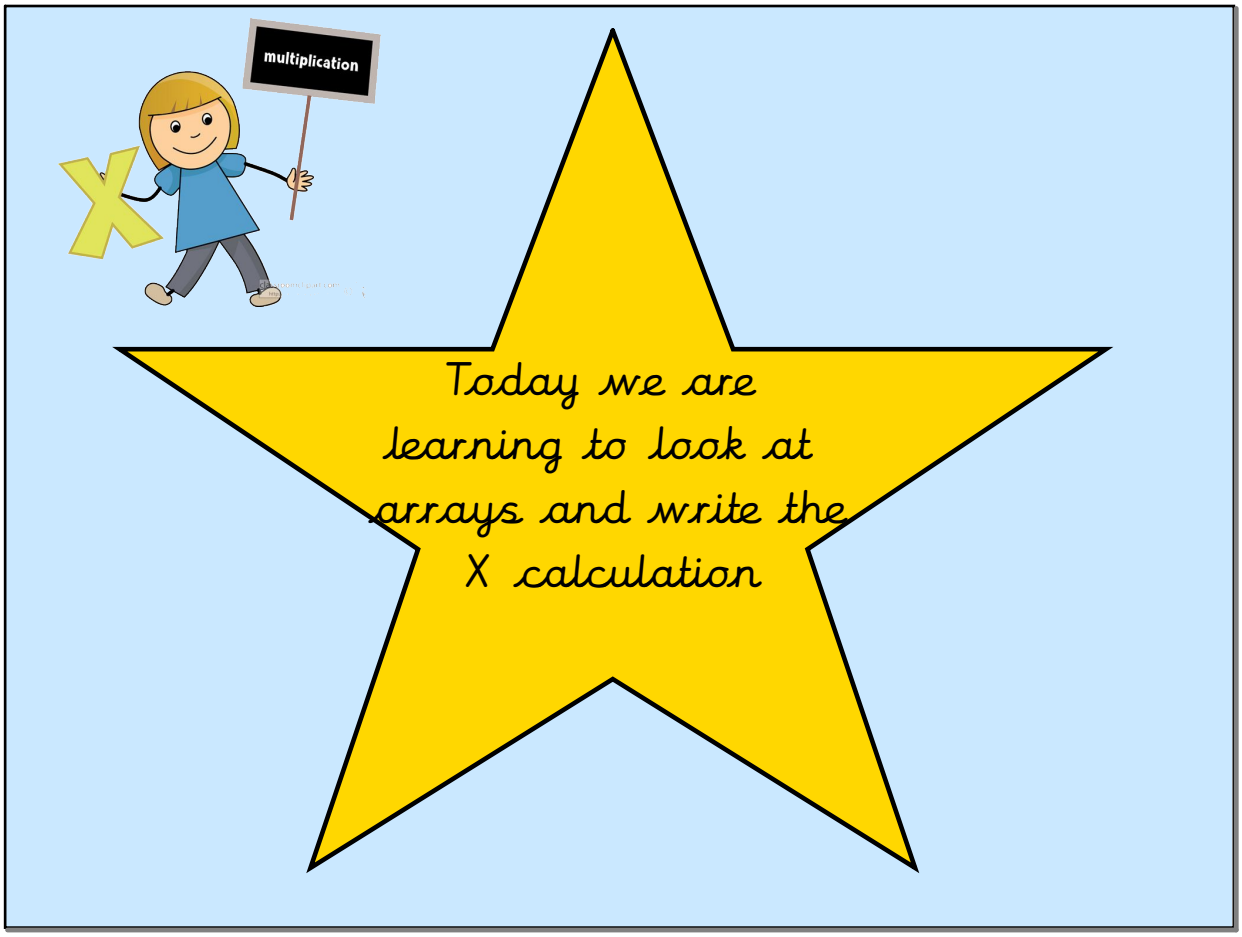
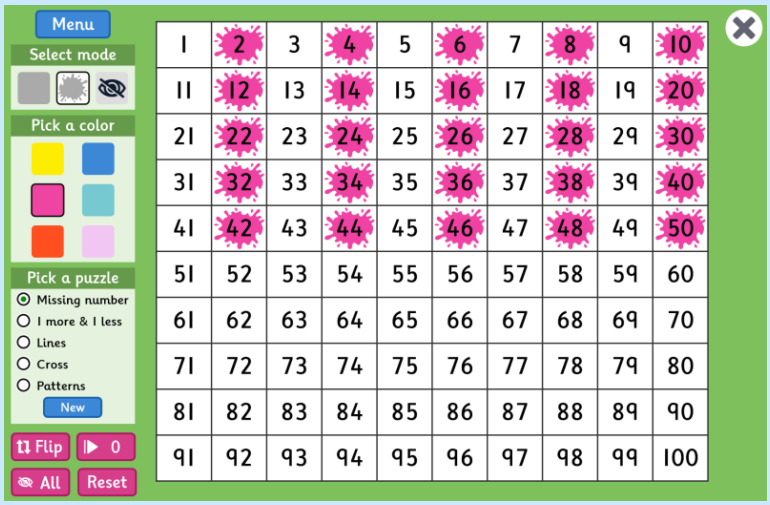

Counting Patterns - Multiplication
Drawing arrays from a given multiplication sentence.
?
Writing multiplication number sentences for a given array
Building arrays practically.
W
E
S


multiplication
X
Today we are learning to look at arrays and write the X calculation

Let's remind ourselves of the counting patterns!

2's, 5's and 10's



https://www.topmarks.co.uk/learning-to-count/paint-the-squares

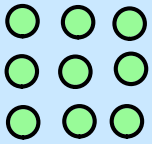
Counting by 2's song : https://www.youtube.com/watch?v=GvTcpfSnOMQ

Counting by 5's song : https://www.youtube.com/watch?v=EemjeA2Djjw

How many tins are there?



We can solve this multiplication using an array!

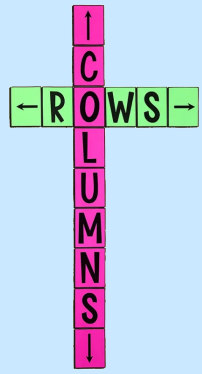


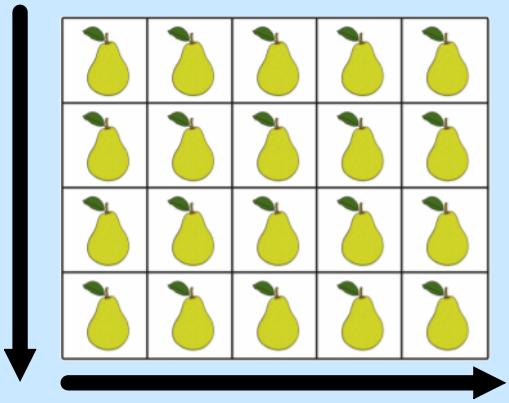
3 lots of 3 tins

3 + 3 + 3 = 9

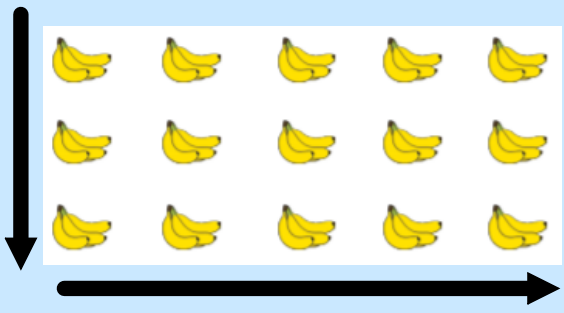
3 x 3 = 9

What multiplication have I shown here?



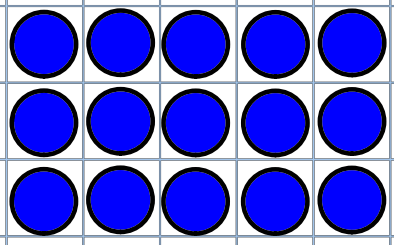


_____ x _____ = _____

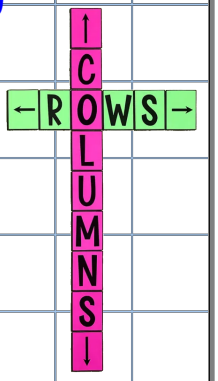


_____ x _____ = _____

What's the multiplication sentence for this array?



Remember to look down the columns and then across the rows!

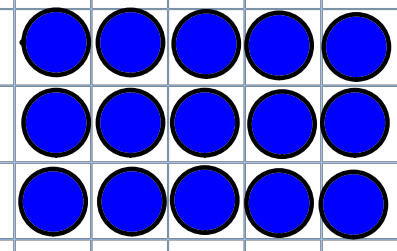


3 lots of 5 so

3 X 5 = 15

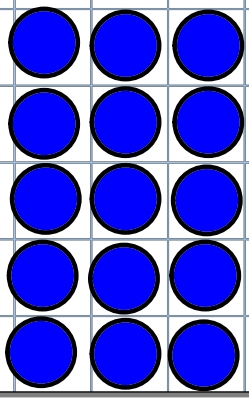
Jan 20-20:04

We can also switch this around. We call this the commutative array.



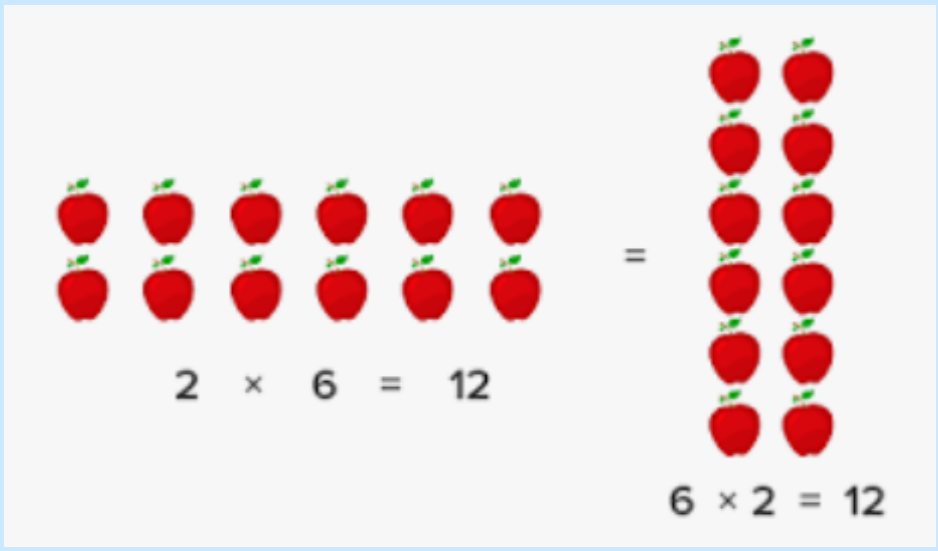
3 X 5 = 15

Or

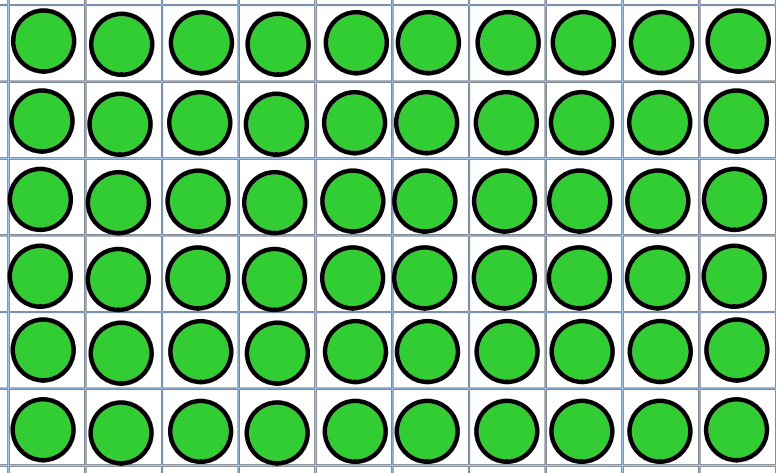


5 X 3 = 15

Jan 20-20:04

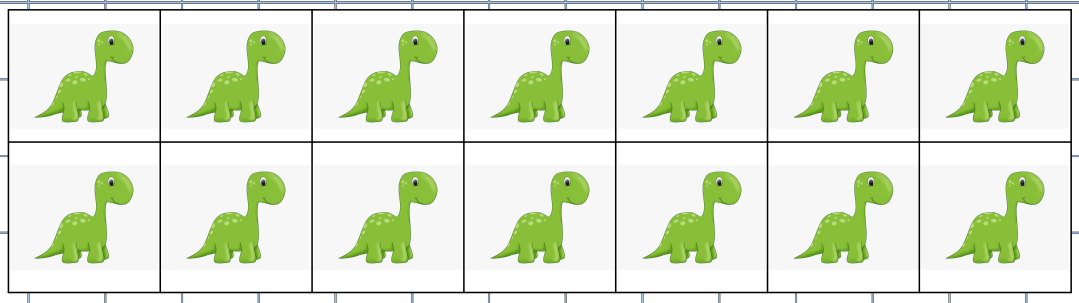


What's the multiplication sentence for this array?



What is the commutative array?

Jan 20-20:04



What is the array showing? Write the calculation and the commutative way.

Jan 21-19:54

Now it's your turn.



1. Take an array
2. Work out and write the multiplication sentence
3. Solve the answer by using your counting patterns

4. blue - Can you write the commutative number sentence

   reds - Can you draw the commutative array?

Pinks (Practically building the array)