

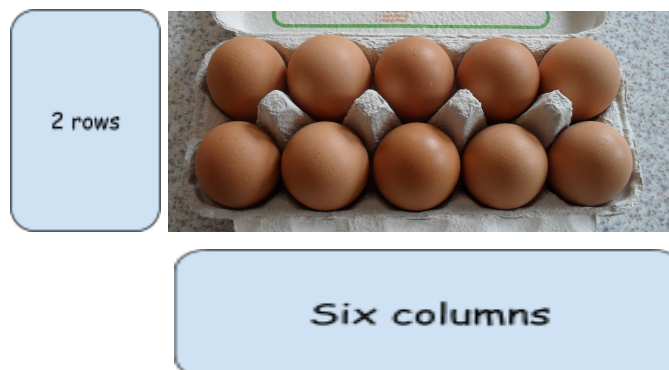
KS1 Arrays



Hi my name is Sammy and I am the Bird Wise ranger for East Kent. My job is to make sure that the wintering birds are able to feed on our beaches.

Every year thousands of birds migrate from across the arctic to our coast. When they are on the coast it is my job to count them, along with a large team of volunteers. Counting birds can be quite hard!

There is an easier way to count things, this is called an array. Imagine an egg box or Lego brick. Instead of counting every egg in the box, or the studs of a Lego brick you could count the rows and columns and multiply them.



Here we can times the amount of rows (2) by the number of columns (6). $6 \times 2 = 12$. Another way to do this is to add all the rows or columns

together, $6+6=12$ or $2+2+2+2+2+2=12$. We now know there are 12 eggs in the box.

Example:

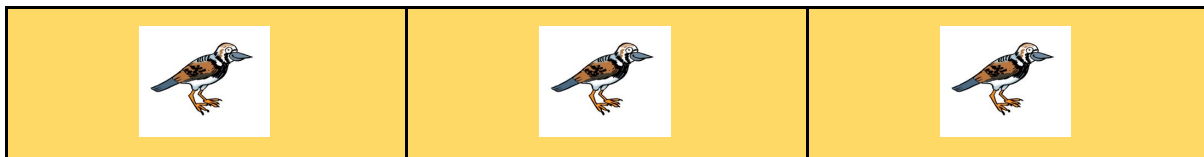
Rows: 2

Columns: 6

Addition: $6+6=12$

Multiplication: $6 \times 2 = 12$

Have a go at some of these ones, and work out how many birds there are;



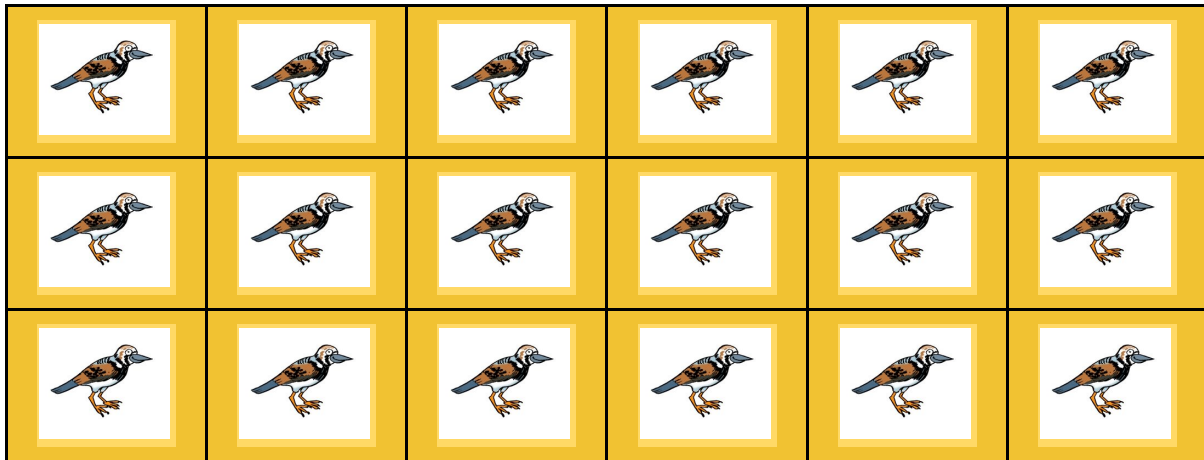
Columns:		
Rows:		
Addition:		=
Multiplication:		=

Bird Wise *Wise Birds*

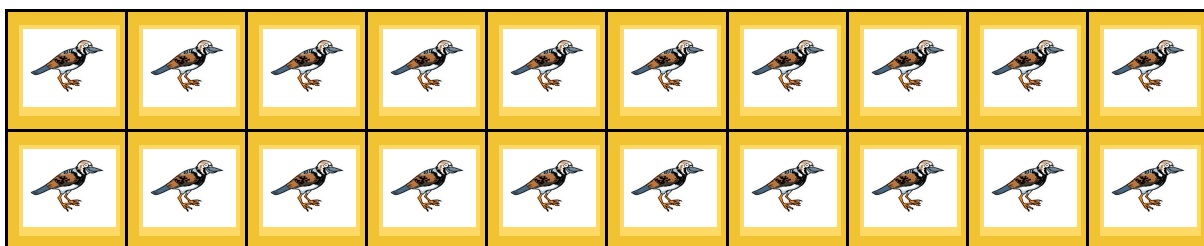


Columns:		
Rows:		
Addition:		=
Multiplication:		=



Columns:		
Rows:		
Addition:		=
Multiplication:		=



Columns:		
Rows:		
Addition:		=
Multiplication:		=



Columns:		
Rows:		
Addition:		=
Multiplication:		=

Practice using arrays with things around the house.