

Key Stage 1 Maths information for parents

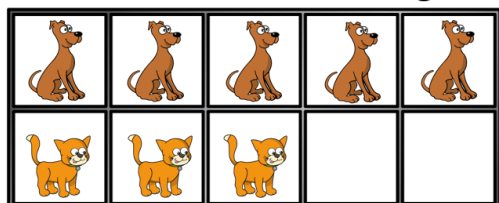
Addition

In year 1, addition builds on the work done in Reception by using lots of practical equipment and visual resources.

The tens frame is used as a model to help children see visually the parts and then the whole when beginning to calculate. This could be with pictures or using counters.

How many animals are there altogether?

There are 8 animals altogether.



One part is 5 and the other part is 3

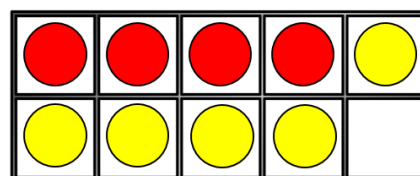
The whole is 8

$$\underline{5} + \underline{3} = \underline{8}$$

There are four red cars and five yellow cars in a car park.

How many cars are there altogether?

9 cars

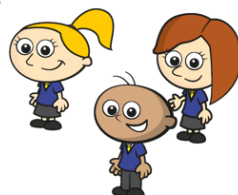


$$4 + 5 = 9$$

First there were five children in the playground.

Then three more children came.

How many children are in the playground now?



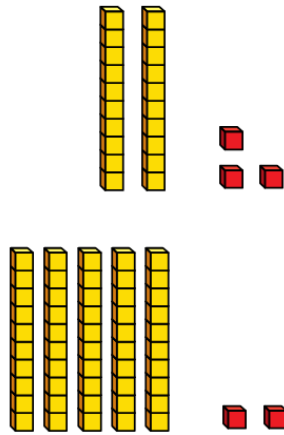
In year 1, a number line is also used to help consolidate the concept of addition.



$$5 + 3 = 8$$

In year 2 we focus more on adding two, two digit numbers. We can use base ten or place value counters to show this.

Use base 10 to calculate $23 + 52$



Tens	Ones
7	5

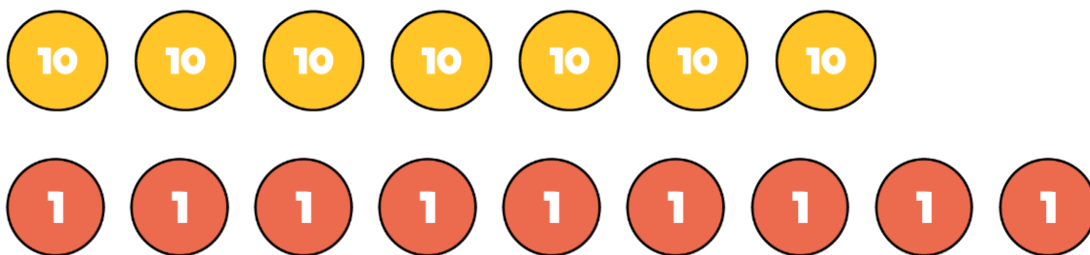
$$23 + 52 = 75$$

We can also complete this using a pictorial representation of place value counters

TO TO

$$32 + 47 =$$

Step 1: Draw out the tens and ones for both numbers, keep all the tens together and all the ones together.



Step 2: Count up all the tens and all the ones. There are seven tens and nine ones, the number is 79.

If the numbers bridge the next ten then count the tens first and then count the ones.