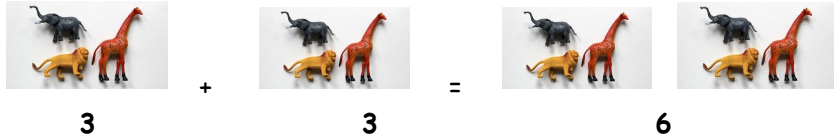


Multiplication

Using objects and pictures with numbers and symbols.

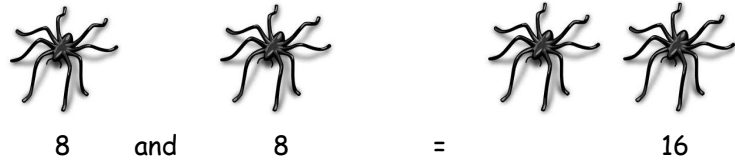
Groups of...

Ask children to sort objects into groups- eg *Make 2 groups each with 3 animals.* How many animals altogether?



Lots of...

Work out how many legs spiders have. How many legs do 2 spiders have?

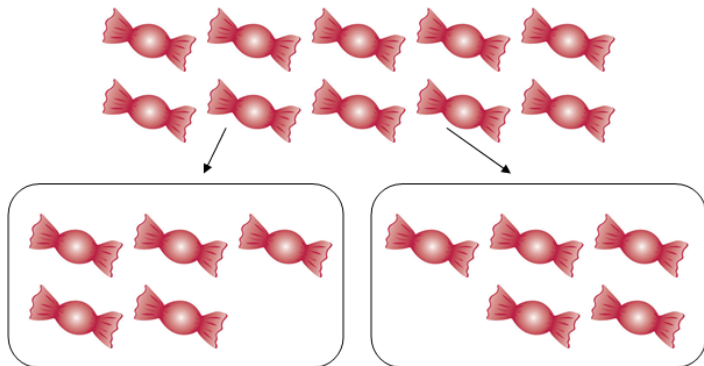


Write 8 add 8 is 16 and 2 lots of 8 is 16.

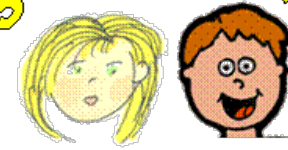
Division

Use objects to share/divide. Talk to children about what you are doing.

If 10 sweets are shared into 2 groups, there are 5 sweets in each group.
So 10 shared by 2 equals 5

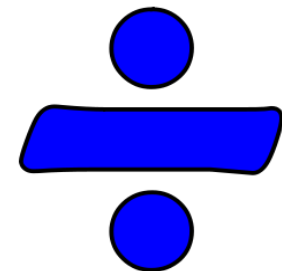
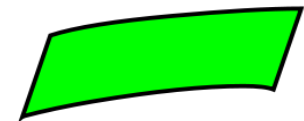


South Bank



Primary School

Maths Booklet Support class



Adding

Using pictures with numbers and symbols.

$$\begin{array}{ccccccc} & + & & = & \text{[tree]} & \text{[tree]} & \text{[tree]} \\ 2 & + & 1 & = & 3 \\ & & & & \text{(same as)} & & \end{array}$$

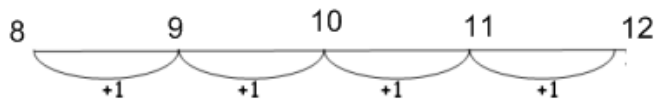
Practice without pictures also.

Find the missing number $2 + \square = 3$

Using a number line up to 20 to add.

E.g. $4 + 8 =$

For this number line the higher number is used as the starting point- Children are reminded to 'put the large number in your head and count on from there'



Develop practical work using objects around the home, e.g. coins, buttons.

Children are also expected to know all pairs of numbers that add up to 10 (number bonds). E.g. $7 + 3 = 10$

Also, children need to know doubles of numbers to 10 using objects.

Take away (subtraction)

Using pictures with numbers and symbols

$$\begin{array}{ccccccc} \text{[tree]} & & \text{[tree]} & - & \text{[tree]} & = & \text{[tree]} \\ 2 & & & - & 1 & = & 1 \end{array}$$

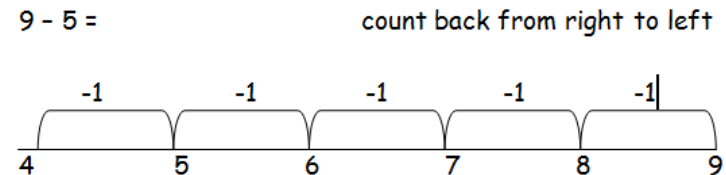
Practice without pictures also.

Find the missing number $2 - \square = 1$

Use objects to find 'the difference between two numbers' and 'take away'.

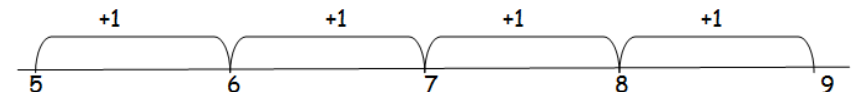
Use a number line to count back in 1's.

Largest number always comes first.



Find a difference by counting on.

E.g. what is the difference between 5 and 9?



Children need to know halves of numbers to 10 using objects.