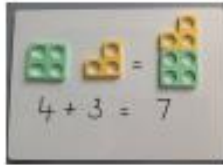


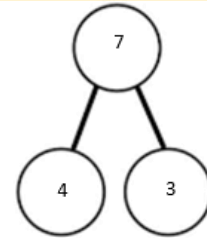
Addition in KS1

Combining two parts to make a whole

Children will use Numicon, counters, cubes, pennies, etc to add totals practically.



Four is a part,
3 is a part and
the whole is
seven.



Count on rather than count all

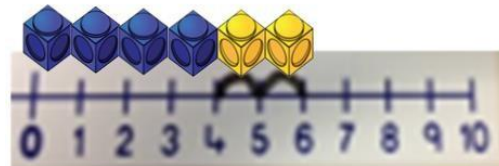
Children will be encouraged to put the larger number 'in their head', then 'count on' from the larger number.



$$7 + 4 = 11$$



8, 9,
10, 11

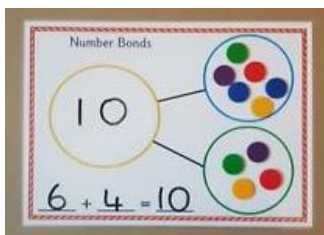


$$4 + 2 =$$

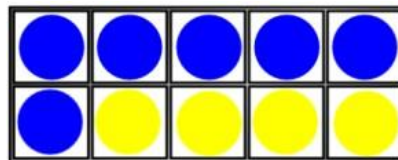
Number bonds

Number bonds are simply the pairs of numbers that make up a given number. They provide a mental picture of the relationship between two numbers. These mental pictures are the key to enabling children to do mental arithmetic. Knowing addition number bonds also means that children will understand subtraction with ease. Some useful resources are:

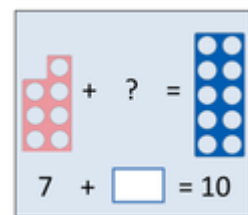
Counters



Tens frame



Numicon



Children are expected to be able to rapidly recall number bonds to 20 and the corresponding subtraction facts. We recommend children access numbots regularly.



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