

Number Bonds to 20

Parents: In year 1, your child will have learnt about the number bonds to 10 (the pairs of numbers that make 10, when added together). Knowing these 'number facts' by heart is a very important skill as it supports quick calculation and a good understanding of how numbers work. It can also be applied to bigger numbers, for example, if I know $7 + 3 = 10$, I also know $70 + 30 = 100$. In year 2, this knowledge is developed by teaching children the pairs of numbers that make 20. Talk to your child about the patterns that they can see, for example $7 + 3 = 10$, so $17 + 3 = 20$. Children are also developing their understanding of 'commutativity' - that is, the fact that numbers can be added in any order and still give the same answer so a child developing a deeper understanding will be able to deduce that if $7 + 3 = 10$ and $17 + 3 = 20$, then $3 + 7 = 10$ and $13 + 7 = 20$ as well. Once children know the addition facts, they can also relate these to subtraction facts. For example, if I know $17 + 3 = 20$, then I know that $20 - 3 = 17$ or $20 - 17 = 3$.