



# Fast Fluency Facts

We are learning number bonds for each number up to 10.

Facts within 10 are addition and subtraction calculations that make every number between 1-10, they are number bonds for every number to 10, for example  $7+0 = 7$ ,  $6+1= 7$ ,  $5+2= 7$  etc. By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**. This foundational skill will forge a deep sense of number that will inform their future learning in all areas of Maths.

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|--|---|--|--|
| $0 + 1 = 1$<br>$1 + 0 = 1$<br><br>$0 + 2 = 2$<br>$1 + 1 = 2$<br>$2 + 0 = 2$  | $0 + 3 = 3$<br>$1 + 2 = 3$<br>$2 + 1 = 3$<br>$3 + 0 = 3$<br><br>$0 + 4 = 4$<br>$1 + 3 = 4$<br>$2 + 2 = 4$<br>$3 + 1 = 4$<br>$4 + 0 = 4$ | $0 + 5 = 5$<br>$1 + 4 = 5$<br>$2 + 3 = 5$<br>$3 + 2 = 5$<br>$4 + 1 = 5$<br>$5 + 0 = 5$   | $0 + 6 = 6$<br>$1 + 5 = 6$<br>$2 + 4 = 6$<br>$3 + 3 = 6$<br>$4 + 2 = 6$<br>$5 + 1 = 6$<br>$6 + 0 = 6$  |
| $0 + 7 = 7$<br>$1 + 6 = 7$<br>$2 + 5 = 7$<br>$3 + 4 = 7$<br>$4 + 3 = 7$<br>$5 + 2 = 7$<br>$6 + 1 = 7$<br>$7 + 0 = 7$ | $0 + 8 = 8$<br>$1 + 7 = 8$<br>$2 + 6 = 8$<br>$3 + 5 = 8$<br>$4 + 4 = 8$<br>$5 + 3 = 8$<br>$6 + 2 = 8$<br>$7 + 1 = 8$<br>$8 + 0 = 8$     | $0 + 9 = 9$<br>$1 + 8 = 9$<br>$2 + 7 = 9$<br>$3 + 6 = 9$<br>$4 + 5 = 9$<br>$5 + 4 = 9$<br>$6 + 3 = 9$<br>$7 + 2 = 9$<br>$8 + 1 = 9$<br>$9 + 0 = 9$ | $0 + 10 = 10$<br>$1 + 9 = 10$<br>$2 + 8 = 10$<br>$3 + 7 = 10$<br>$4 + 6 = 10$<br>$5 + 5 = 10$<br>$6 + 4 = 10$<br>$7 + 3 = 10$<br>$8 + 2 = 10$<br>$9 + 1 = 10$<br>$10 + 0 = 10$ |

## Key Vocabulary

What do I **add** to 5 to make 10?  
What is 3 **less than** 10?

What is 10 **take away** 6?  
**How many more** than 2 is 10?

Show me all the ways to make 5

They should be able to answer these questions in any order, including missing number questions e.g.  $1 + \bigcirc = 10$

## Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these key facts while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising! If you would like more ideas, please ask your child's teacher.

**Ball throw**- Write the numbers 1-10 on large pieces of paper. Call out a number to your child and challenge them to throw a ball at two numbers that make that number.

**Facts bingo**- Write the numbers 1-10 in a simple grid. Say; I want to make \_\_\_\_, I have \_\_\_\_ what do I need to add? Challenge your child to choose the correct number to finish the calculation.

**Spinner**- Make a simple spinner, decide on a number to make and then spin the spinner. What number do you need to add to make the original number?



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Use practical resources - Your child has one potato on their plate and you give them three more. Can they predict how many they will have now?

Make a poster - We use Numicon at school. You can find pictures of the Numicon shapes here: [Numicon Pictures](#) - your child could make a poster showing the different ways of making 5.

Play games - You can play online at <https://www.topmarks.co.uk/maths-games/hit-the-button> and then see how many questions you can answer in just one minute or you can play Smoothie Maths <https://ictgames.com/mobilePage/smoothie/index.html>

One-minute Maths App - download the FREE app which allows you child to answer as many questions as they can in one-minute <https://whiteroseeducation.com/1-minute-maths>