



# Fast Fluency Facts

## We are learning doubles and halves of numbers to 10.

Children need to understand how to find half, and how to double numbers up to 10. 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.

$0 + 0 = 0$	$\frac{1}{2}$ of 0 = 0
$1 + 1 = 2$	$\frac{1}{2}$ of 2 = 1
$2 + 2 = 4$	$\frac{1}{2}$ of 4 = 2
$3 + 3 = 6$	$\frac{1}{2}$ of 6 = 3
$4 + 4 = 8$	$\frac{1}{2}$ of 8 = 4
$5 + 5 = 10$	$\frac{1}{2}$ of 10 = 5
$6 + 6 = 12$	
$7 + 7 = 14$	
$8 + 8 = 16$	
$9 + 9 = 18$	
$10 + 10 = 20$	

## Key Vocabulary

What is **double** 9?  
What is **half** of 6?

## 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.

Doubling ladybirds- Draw an outline of a ladybird, add spots to one side, then ask your child to fill in the other side, model saying; double \_\_\_ is \_\_\_.

Seeing double- Use the reflection of a mirror to show double of a number of objects.

Halving plates- Draw a line down the centre of a paper plate, drop a selection of everyday objects to the plate and find half by splitting the objects onto each half of the plate.

Ping Pong - In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For an alternative version, the adult can say, "Pong." The child replies "Ping," and then halves the next number given.

Practise online - Go to <https://www.topmarks.co.uk/maths-games/hit-the-button> and see how many questions you can answer in 60 seconds or play archery doubles at <https://ictgames.com/mobilePage/archeryDoubles/index.html>

Sumdog - Ask your teacher to set your Sumdog account to focus on these key facts, <https://www.sumdog.com/sch/merleyfirst3>