

## Splitting up numbers

Splitting up numbers is a good method to use for addition.

It is sometimes called **partitioning**.

### Addition

Take a look at this addition calculation: **80 + 49**

To make it easier, split the 49 into 40 + 9. This makes the calculation:

$$80 + 40 + 9 = 129$$

First, add the first two numbers:

$$80 + 40 = 120$$

Then add the result of that calculation to the third number to get the answer:

$$120 + 9 = 129$$