

Tuesday 28th April 2020

Bus Stop Method Help Sheet

How to do the bus stop method

The **bus stop method** can seem confusing at first. Here, we will break down a simple three-digit number division problem using the bus stop method.

This is to answer 360 divided by 8. Look below for how to lay it out and the steps to success for solving division problems using the bus stop method.

$$\begin{array}{r} 045 \\ 8 \overline{) 360} \end{array}$$

- How many 8s are there in 3? Zero, so above the 3, we write a zero.
- As the 3 hasn't been used, we move it over to the 6.
- Now we see how many times 8 goes into 36 - 4 times, so we write this above the 6.
- 8 into 36 leaves a remainder of 4, so now we move this remainder over to the next number, which in this case is zero.
- Finally, we see how many times 8 goes into 40. This gives us 5, which we again write above the zero
- If your problem leaves a remainder at this stage, simply leave it as a remainder in the answer