

Division - Bus Stop Method

Division through the bus stop method is a simple way of dividing any number by a unit. This method has gained its 'bus stop' title as visually, it looks like lots of the numbers are waiting in a bus stop!

$$\begin{array}{r} 014 \\ 3 \overline{) 642} \end{array}$$

$$\underline{642 \div 3 = 14}$$

1. The first step when completing this method is working out how many 3s go into 6. The answer is 2, so this number goes above the number 6.
2. You then move on and work out how many 3s go into 4. The answer is one, remainder one which you carry over and put next to the 2.
3. Your last calculation is working out how many 3s go into 12. The answer is 4 which then goes above the 2.

$$\begin{array}{r} 058 \\ 4 \overline{) 232} \end{array}$$

$$\underline{232 \div 4 = 58}$$

1. This division calculation is slightly different to the one shown above.
2. The first step would be to work out how many 4s are in 2. This time the answer is 0 so you must still put that number above the 2. Because you couldn't divide 4 into 2, you then carry the 2 over to make the number 23.
3. You then work out how many 4s in 23. The answer is 5 with a remainder of 3. The 5 goes above the 3 and then your remainder of 3 gets carried over to sit next to the 2.
4. Your last calculation would be to work out how many 4s in 32. The answer is 8 so that goes above the 2.