

## Division Homework – Year 6.

We have been looking at different ways to carry out division calculations over the past few weeks – and haven't we had fun!

We looked at the "bus-stop" method which is really good for dividing a large number by a single digit number.

However, we soon realised that this method is not very good if we want to divide a large number by a double digit number.

It does seem quite complicated at first but hopefully you will find that it gets easier as you practise more and more.

To start with, have a go at these division calculations using the "bus stop" method. Do as many as you can:

1.  $264 \div 2 =$
2.  $863 \div 4 =$
3.  $295 \div 5 =$
4.  $759 \div 4 =$
5.  $3876 \div 2 =$
6.  $1379 \div 4 =$
7.  $7594 \div 3 =$
8.  $86086 \div 5 =$

$$186 \div 6 = \begin{array}{r} 031 \\ 6 \overline{) 186} \\ \underline{6} \phantom{0} \\ 18 \\ \underline{18} \\ 0 \end{array}$$

no groups of 6 can be made       $3 \times 6 = 18$        $1 \times 6 = 6$

And now, for your delight and delectation, some long division calculations for you to try. Again, do as many as you can:

1.  $260 \div 10 =$
2.  $781 \div 11 =$
3.  $656 \div 12 =$
4.  $273 \div 13 =$
5.  $789 \div 15 =$
6.  $486 \div 22 =$
7.  $8643 \div 24 =$
8.  $7594 \div 32 =$

$$\begin{array}{r} 0318 \text{ r}5 \\ 20 \overline{) 6365} \\ \underline{-60} \phantom{0} \\ 36 \\ \underline{-30} \\ 65 \\ \underline{-60} \\ 5 \end{array}$$

