

For the first seven weeks back, we would like the children to practice their calculation methods. We have attached the methods that we use in school for you to use as a guide when supporting your children, if they require it, with their homework.

For multiplication we have added both methods used when multiplying by a 1 digit (either 2 digits by a 1 digit or 3 digits by a 1 digit) so that you can see where the children have started from and worked up to - most children will use the column multiplication method by now.

The grid method is for multiplying a 2-digit number by a 2-digit number.

Friday 16th April - questions requiring the addition method

Friday 23rd April - questions requiring the subtraction method

Friday 30th April - questions requiring the multiplication method: 2-digit by a 1-digit (using the column multiplication method)

Friday 7th May - questions requiring the multiplication method: 3-digit by a 1-digit (using the column multiplication method)

Friday 14th May - questions requiring the grid method: 2-digit by a 2-digit

Friday 21st May - questions requiring the division method

Friday 28th May - questions requiring a mixture of the methods

Column Addition

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{U} \\ 687 \\ + 248 \\ \hline 935 \\ \hline 1 \quad 1 \end{array}$$

Column Subtraction

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{U} \\ 6 \quad 13 \quad 1 \\ \cancel{7} \cancel{4} 1 \\ - 367 \\ \hline 374 \\ \hline \end{array}$$

Methods used when multiplying a number by a 1 digit -

Expanded Column

$$\begin{array}{r} \text{H T U} \\ 147 \\ \times \quad 4 \\ \hline 28 \quad (4 \times 7) \\ 160 \quad (4 \times 40) \\ 400 \quad (4 \times 100) \\ \hline 588 \end{array}$$

Column Multiplication

$$\begin{array}{r} \text{H T U} \\ 147 \\ \times \quad 4 \\ \hline 588 \\ \hline 1 \quad 2 \end{array}$$

M8: Grid Method

Long Multiplication

x	20	7
50	1000	350
6	120	42

$$\begin{array}{r} 1000 \\ 350 \\ 120 \\ +42 \\ \hline 1512 \end{array}$$

$$27 \times 56 = 1512$$

Short Division

Bus Stop Method

$$136 \div 4 = 34$$

$$\begin{array}{r} 34 \\ 4 \overline{) 136} \end{array}$$