

Written Multiplication

Year 5

Short multiplication of 2-, 3- and 4-digit numbers by 1-digit numbers

e.g. 435×8

$$\begin{array}{r} 435 \\ \times 8 \\ \hline 24 \\ \hline 3480 \end{array}$$

Long multiplication of 2-, 3- and 4-digit numbers by 'teen' numbers

e.g. 48×16

$$\begin{array}{r} 48 \\ \times 16 \\ \hline 480 \\ 288 \\ \hline 768 \end{array}$$

Grid multiplication of numbers with up to 2 decimal places by 1-digit numbers

e.g. 1.34×6

\times	1	0.3	0.04
6	6	1.8	0.24

 = 8.04

Multiply fractions by 1-digit numbers

e.g. $\frac{3}{4} \times 6 = \frac{18}{4} = 4\frac{2}{4} = 4\frac{1}{2}$



NB Grid multiplication provides a default method for ALL children