

## Division

For division, wherever possible, we use the short division method, sometimes referred to as the “bus stop” method. Pupils have used this throughout primary school, so they will already have some understanding of this.

Eg. $175 \div 5$ $\begin{array}{r} 35 \\ 5 \overline{) 175} \\ \underline{15} \phantom{0} \\ 25 \\ \underline{25} \\ 0 \end{array}$	Eg. $915 \div 3$ $\begin{array}{r} 305 \\ 3 \overline{) 915} \\ \underline{9} \phantom{0} \\ 15 \\ \underline{15} \\ 0 \end{array}$
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Video: <https://youtu.be/q3Jk6W4oDgw> (Short division)

For division calculations where the answer is not a whole number, students should be encouraged to continue into decimals rather than giving their answer with a remainder as they have previously done in primary school.

Eg. $352 \div 5$ $\begin{array}{r} 70.4 \\ 5 \overline{) 352.0} \\ \underline{35} \phantom{0} \\ 20 \\ \underline{20} \\ 0 \end{array}$	Eg. $713 \div 8$ $\begin{array}{r} 89.125 \\ 8 \overline{) 713.000} \\ \underline{56} \phantom{00} \\ 153 \phantom{0} \\ \underline{136} \phantom{0} \\ 170 \phantom{0} \\ \underline{144} \phantom{0} \\ 260 \phantom{0} \\ \underline{208} \phantom{0} \\ 520 \\ \underline{496} \\ 240 \\ \underline{240} \\ 0 \end{array}$
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Video: <https://youtu.be/DHrjDo8J9S4> (Division with remainders)