

Written Division

Year 5

Use a written version of a mental strategy to divide 3-digit numbers by 1-digit numbers

e.g. $326 \div 6$ as 50×6 (300) and 4×6 (24), remainder 2

$$326 \div 6 = \square$$

$$\begin{array}{r} \square \times 6 = 326 \\ 50 \times 6 = 300 \\ \hline 26 \\ 4 \times 6 = 24 \\ \hline 2 \\ 54 \end{array} \quad 326 \div 6 = 54 \text{ r}2$$

Short division of 3- and 4-digit numbers by 1-digit numbers

e.g. $139 \div 3$

$$3 \overline{) 139} \begin{array}{l} 46 \text{ r}1 \\ \underline{12} \\ 19 \\ \underline{18} \\ 1 \end{array}$$

Give remainders as whole numbers or as fractions

Find unit and non-unit fractions of large amounts

e.g. $\frac{3}{5}$ of 265 is $3 \times (265 \div 5) = 159$

Turn improper fractions into mixed numbers and vice versa