



# HELPING AT HOME DIVISION



You should be able to divide by a single digit or by a multiple of 10, 100 or 1000 without a calculator.

## Written Method

**Example 1** There are 192 pupils in first year, shared equally between 8 classes. How many pupils are in each class?

$$\begin{array}{r} 24 \\ 8 \overline{) 192} \end{array}$$

There are 24 pupils in each class

**Example 2** Divide 4.74 by 3

$$\begin{array}{r} 1.58 \\ 3 \overline{) 4.74} \end{array}$$

When dividing a decimal number by a whole number, the decimal points must stay in line.

**Example 3** A jug contains 2.2 litres of juice. If it is poured evenly into 8 glasses, how much juice is in each glass?

$$\begin{array}{r} 0.275 \\ 8 \overline{) 2.200} \end{array}$$

Trailing zero

Each glass contains  
0.275 litres

If you have a remainder at the end of a calculation, add "trailing zeros" onto the end of the decimal and continue with the calculation.