

Eleven Plus Maths How To Do - Multiplication and Division of Length, Mass and Capacity

When multiplying a decimal number in length, mass or capacity the first step is to put the decimal point in position in the body of the sum and in the answer.

You can then be sure that the figures will be in the correct position.

(1) Example: $2\text{km } 246\text{m} \times 5 = 2.246\text{km} \times 5$

$$\begin{array}{r} 2.246 \\ \times \quad 5 \\ \hline \end{array} \text{ km}$$

(2) Example: $4\text{kg } 25\text{g} = 4.025\text{kg}$

$$\begin{array}{r} 4.025 \\ \times \quad 5 \\ \hline \end{array} \text{ kg}$$

(3) Example: $8\text{l } 245\text{ml} = 8.245\text{l}$

$$\begin{array}{r} 8.245 \\ \times \quad 5 \\ \hline \end{array} \text{ l}$$

(4) Example: $10\text{km} \div 4$

$$\begin{array}{r} 2.50 \\ 4 \overline{) 10.00} \\ \hline \end{array}$$