



## Year 6 Spring 1 KIRFS

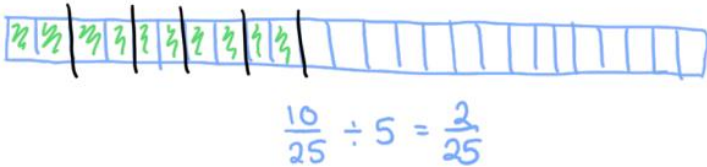
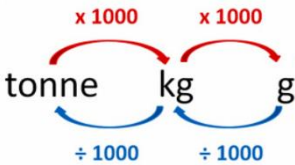
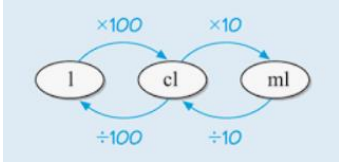
Key Instant Recall Facts (KIRFs) are designed to support the development of the arithmetic skills that underpin all maths learning in school. KIRFs help reduce the cognitive load when learning maths and greatly support the development of mental maths agility.

**Apply times table facts to decimals, where both numbers are decimals.**

Example:  $1.3 \times 2.1 = 2.73$

Example:  $0.4 \times 2.3 = 0.92$

In addition you can help by practising the following:

Identify the value of a digit to two decimal places	$4583.25 = 4000 + 500 + 80 + 3 + 0.2 + 0.05$
Add and subtract decimals numbers	$\begin{array}{r} 139.77 \\ + 382.56 \\ \hline 522.33 \end{array} \qquad \begin{array}{r} 79.83 \\ - 54.61 \\ \hline 25.22 \end{array}$
Divide fractions by integers	 $\frac{10}{25} \div 5 = \frac{2}{25}$
Convert between grams (g), kilograms (kg) and tonnes.	 $1 \text{ tonne} = 1000\text{kg}$ $1 \text{ kg} = 1000\text{g}$
Convert between millilitres (ml), centilitres (cl) and litres (l)	 $1\text{l} = 100\text{cl} = 1000\text{ml}$ $1.25\text{l} = 125\text{cl} = 1250\text{ml}$