

Converting Units

Knowledge Organiser

Key Vocabulary

mass

gram

kilogram

capacity

volume

millilitre

centilitre

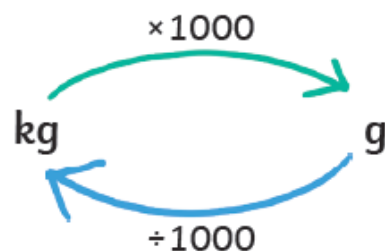
litre

millimetre

centimetre

kilometre

Converting Mass



$$1000\text{g} = 1\text{kg}$$

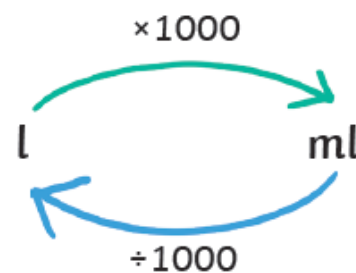
$$\frac{1}{10}\text{kg} = 0.1\text{kg} = 100\text{g}$$

$$\frac{1}{4}\text{kg} = 0.25\text{kg} = 250\text{g}$$

$$\frac{1}{2}\text{kg} = 0.5\text{kg} = 500\text{g}$$

$$\frac{3}{4}\text{kg} = 0.75\text{kg} = 750\text{g}$$

Converting Capacity



$$1000\text{ml} = 1\text{ litre}$$

$$\frac{1}{10}\text{l} = 0.1\text{l} = 100\text{ml}$$

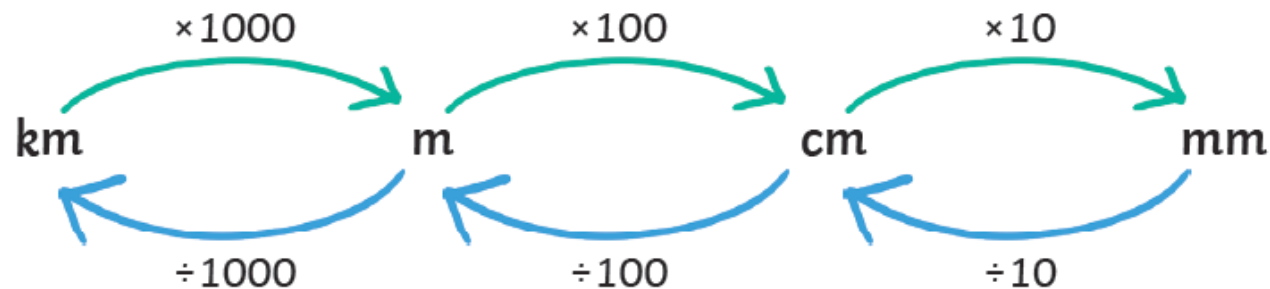
$$\frac{1}{4}\text{l} = 0.25\text{l} = 250\text{ml}$$

$$\frac{1}{2}\text{l} = 0.5\text{l} = 500\text{ml}$$

$$\frac{3}{4}\text{l} = 0.75\text{l} = 750\text{ml}$$

$$\frac{1}{100}\text{l} = 0.01\text{l} = 10\text{ml}$$

Converting Length



$$1000\text{ metres} = 1\text{ kilometre}$$

$$100\text{cm} = 1\text{m}$$

$$10\text{mm} = 1\text{cm}$$

$$\frac{1}{10}\text{km} = 0.1\text{km} = 100\text{m}$$

$$\frac{1}{4}\text{km} = 0.25\text{km} = 250\text{m}$$

$$\frac{1}{2}\text{km} = 0.5\text{km} = 500\text{m}$$

$$\frac{3}{4}\text{km} = 0.75\text{km} = 750\text{m}$$