

# Maths Mastery

Convert Between Different  
Units of Measure

Capacity - Litres



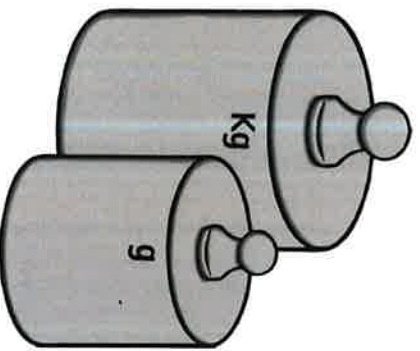
Complete this table:

Millilitres (ml)	Centilitres (cl)	Litres (l)
450		
	370	
		6.93

Which is larger?

- a) 340ml or 3.4 litres
- b) 560cl or 0.56 litres

Mass - Grams



Complete these:

$$\frac{1}{2} \text{ kg} = \text{---} \text{ g}$$

$$\frac{3}{4} \text{ kg} = \text{---} \text{ g}$$

Which is greater?

$$\frac{1}{3} \text{ kg or } \frac{1}{4} \text{ kg}$$

Explain why.

Distance and Length - Metres

Match these measurements:

40cm

0.4cm

4000mm

0.4m

4mm

400cm

4m

40,000m

40km

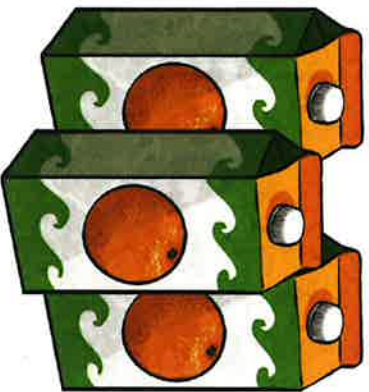
4km

4000m

4m

**Conversion Word Problem**

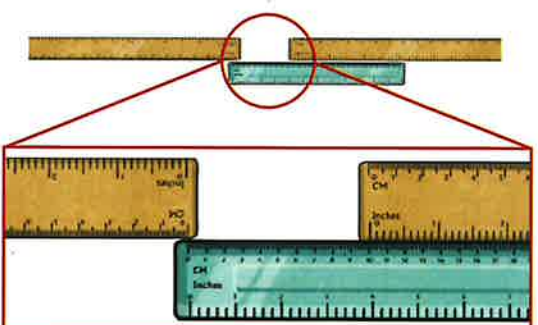
A teacher makes a mixed fruit juice drink, pouring three 750ml cartons of juice into a large jug. What is the volume of the mixed juice drink in litres?



**Conversion Word Problem**

Natalia and Christian measure the height of a classroom using two metre sticks and a ruler. One metre stick reaches the ceiling and one is touching the floor. The cm ruler measures the gap between the metre sticks.

What is the height of the classroom in metres?



**Conversion Word Problem**

Natalia wants to weigh 500g of flour. She has a bowl, a bag of flour and some scales.

Explain how she could weigh the flour in the bowl.



**Conversion Word Problem**

Natalia wants to weigh  $\frac{1}{2}$  kg of flour. She has a bowl weighing 235g, a bag of flour and some scales.

Explain how she could weigh the flour in the bowl.

