

Converting Measurements

Learning Objective: To convert between measurements including the use of decimal numbers.

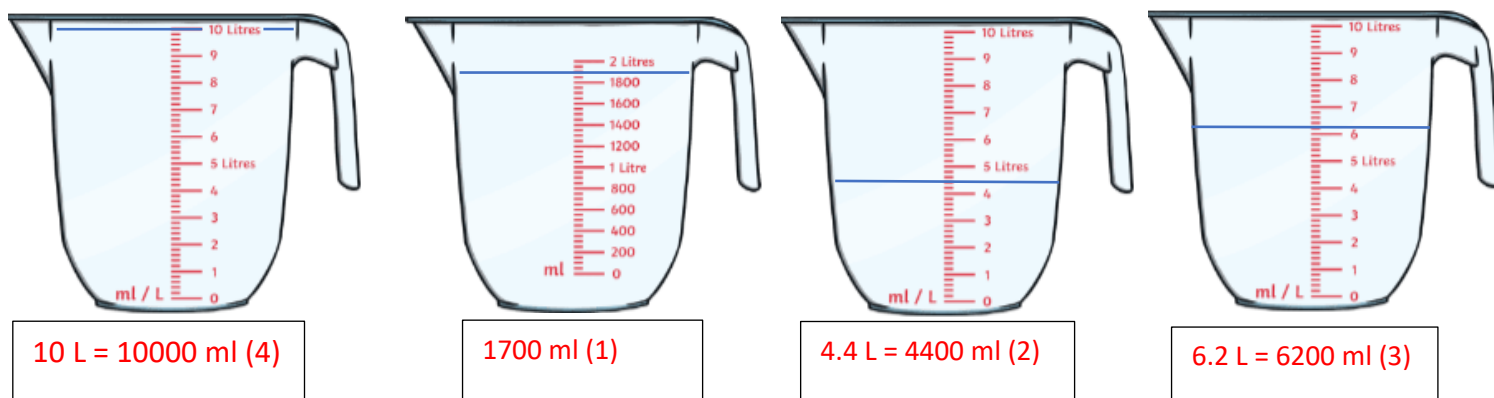
Task 1: Complete the table to convert the measurements in each row.

	Cm to mm (x10)	M to cm (x100)	Km to m (x1000)
4	40 mm	400 cm	4000 m
11	110 mm	1100 cm	11000 m
7.5	75 mm	750 cm	7500 m
2.1	21 mm	210 cm	2100 m
9.3	93 mm	930 cm	9300 m

Task 2: Convert and order the measurements from smallest to biggest in grams.

2 kg	5.5 kg	10 kg	8.2 kg	9.7 kg	4000 g
Smallest 2 kg = 2000 g	4000 g	5.5 kg = 5500g	8.2 kg = 8200 g	9.7 kg = 9700 g	Biggest 10 kg = 10000 g

Task 3: Convert and number the measurements from smallest to biggest in millilitres.



Task 4: Read and answer the worded questions below.

- Chief John needs 4.3 kg of flour to bake a cake but the shop only sells flour in grams. Work out the measurement of flour in grams. **4.3 kg = 4300 g**
- Mary has bought 9 bottles of pop. The bottles have a capacity of 1 litre each. How many millilitres of pop has Mary bought? **9000 ml**
- Lewis created an extra-long ruler. The ruler was 16 metres long but how long is this in centimetres? **16 m = 1600 cm**