

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
8	80 mm	800 cm	8000 m
7.5	75 mm	750 cm	7500 m
2.1	21 mm	210 cm	2100 m

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

2 kg	5.5 kg	10 kg	4000 g
Smallest 2 kg = 2000 g	4000 g	5.5 kg = 5500 g	Biggest 10 kg = 10000 g

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



5 L = 5000 ml (3)



1700ml (1)



3 L = 3000 ml (2)



8 L = 8000 ml (4)

Task 4: Read and answer the worded questions below.

- Chief John needs 1.5 kg of flour to bake a cake but the shop only sells flour in grams. Work out the measurement of flour in grams. **1.5 kg = 1500g**
- Mary has bought 7 bottles of pop. The bottles have a capacity of 1 litre each. How many millilitres of pop has Mary bought? **7 x 1L = 7 L 7 x 1000 = 7000ml**
- Lewis created an extra-long ruler. The ruler was 6 meters long but how long is this in centimetres? **6 x 100 = 600 cm**