

MASS

1 tonne (t) = 1 000 kilograms (kg) 1 kilogram (kg) = 1 000 grams (g) 1 gram (g) = 1 000 milligrams (mg)
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Change into kg or tonnes.

1. 2 000 kg = _____ t	2. 5 tonnes = _____ kg
3. 8 500 t = _____ t _____ kg	4. 1 250 kg = _____ t _____ kg

Change into g or mg.

2 kg = _____ g	2 kg = _____ g
6 g = _____ mg	1 g = _____ mg

Change into kilograms or grams.

2000 g = _____ kg	500 g = _____ mg	250 g = _____ kg
$\frac{1}{2}$ Kg = _____ g	$\frac{3}{4}$ kg = _____ g	$\frac{1}{4}$ Kg = _____ g
3 Kg = _____ g	6453 g = _____ k g	8g = _____ kg

Work out the answers to these sums. (Revise before doing)

1. 3455 g + 34 g + 1 kg (convert kg into g)	
2. 126 mm + 24 cm + 2479 mm (convert cm into mm)	
3. 7435 kg – 3782 kg	
4. 5 litres – 359 ml (convert litres into ml)	
5. 2467 tonnes x 7	7. 9840 litres ÷ 4
6. 682 ml x 25	8. 7587 km ÷ 9

CONVERSION EXERCISES

1 Litre = 1000 ML	1 Kilotitre = 1000 Litres
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EXERCISE 1

Convert the following ml into litres and milliliters. Look at the following examples

1245 ml = 1 litre 245 ml	1034 ml = 1 litre 34 ml	2 ml = 0 litre 2 ml
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1) 1237ml	_____ l _____ ml	2) 97 ml	_____ l _____ ml
3) 8 ml	_____ l _____ ml	4) 5 487 ml	_____ l _____ ml

EXERCISE 2

Convert these capacities into ml and litres eg. 1 litre 400 ml = 1400 ml;
6 kl 300 litres = 6000 litres

1) 1 litre 7 ml	_____ ml	2) 1 litre 79 ml	_____ ml
3) 1 litre 122 ml	_____ ml	4) 1 litre 435ml	_____ ml
5) 7kl 254 litres	_____ litres	6) 0 l 756 litres	_____ litres

MEASUREMENT: Please highlight the correct units.

7am - I had a wash in 3 (**SECONDS, LITRES, ML**) of water.

7.30am - For breakfast I had 200 (**KILOGRAMS, MILLIGRAMS, GRAMS**) of cereal, with 100 (**GRAMS, MILLILITRES, LITRES**) of milk. I also had a cup of tea, with $\frac{1}{2}$ a (**GRAM, LITRE, METRE**) of sugar in it.

8.10am - I had to run for the bus today. The bus stop is 100 (**METRES, MILES, MILLIMETRES**) away from my house.

11.00am - During break I shared out a LITRE bottle of lemonade, between five glasses. We each had 200 (**LITRES, MILLILITRES, TONNES**) of lemonade.

3.15pm - This afternoon we had P.E. I kicked the football 14 (**METRES, CENTIMETRES, KILOMETRES**).

4.30pm - My brother is running in an Athletics competition this evening. He is running in the 1 500 (**METRES, KILOMETRES, MILLIMETRES**) event. He can run that distance in 6 (**MINUTES, HOURS, SECONDS**). My brother is taller than I am. He is 1,82 (**CENTIMETRES, KILOMETRES, METRES**) tall.

7.30pm - The road outside our house looks like a river! The main water pipe has burst and there are (**MILLILITRES, METRES, LITRES**) of water gushing down the road.

7.45pm - I am going to watch a film on TV. It is 1 $\frac{1}{2}$ (**MINUTES, HOURS, SECONDS**) long.

9pm - I have just weighed my pet hamster, Gerald. Well, I tried to weigh him, but he jumped off the scales just as the arrow reached 250 (**KILOGRAMS, GRAMS, MILLIGRAMS**).

9.30pm – Time for bed! I have to get up in 10 (**METRES, MINUTES, HOURS**). Before I went to sleep I had 250 (**MILLILITRES, MILLIGRAMS, MILLIMETRES**) of tea to drink.