

I can choose and use metric units to measure lengths, weights or capacities.

LENGTH

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

$1000 \text{ m} = 1 \text{ km}$

WEIGHT

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

CAPACITY

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

Remember Kilo = 1000

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

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

A

Copy and complete.

- 1 $1 \text{ km} = \square \text{ m}$
- 2 $2 \text{ m} = \square \text{ cm}$
- 3 $3 \text{ kg} = \square \text{ g}$
- 4 $2 \text{ litres} = \square \text{ ml}$
- 5 $3 \text{ km} = \square \text{ m}$
- 6 $3 \text{ m} = \square \text{ cm}$
- 7 $1 \text{ kg} = \square \text{ g}$
- 8 $3 \text{ litres} = \square \text{ ml}$
- 9 $2 \text{ km} = \square \text{ m}$
- 10 $1 \text{ m} = \square \text{ cm}$
- 11 $2 \text{ kg} = \square \text{ g}$
- 12 $1 \text{ litre} = \square \text{ ml}$

Choose the more sensible estimate.

- 13 a feather
1 g or 100 g
- 14 a wine glass
10 ml or 100 ml
- 15 a bottle's height
25 cm or 50 cm
- 16 a bag of potatoes
200 g or 2 kg

B

Copy and complete.

- 1 $\frac{1}{2} \text{ kg} = \square \text{ g}$
- 2 $5 \text{ litres} = \square \text{ ml}$
- 3 $200 \text{ cm} = \square \text{ m}$
- 4 $\frac{1}{2} \text{ km} = \square \text{ m}$
- 5 $6 \text{ kg} = \square \text{ g}$
- 6 $3000 \text{ ml} = \square \text{ litres}$
- 7 $\frac{1}{2} \text{ m} = \square \text{ cm}$
- 8 $2000 \text{ m} = \square \text{ km}$
- 9 $4000 \text{ g} = \square \text{ kg}$
- 10 $\frac{1}{2} \text{ litre} = \square \text{ ml}$
- 11 $4 \text{ m} = \square \text{ cm}$
- 12 $7 \text{ km} = \square \text{ m}$

Suggest a suitable metric unit to measure:

- 13 a lorry's height
- 14 a cushion's weight
- 15 a bath's width
- 16 a bath's weight
- 17 a bath's capacity
- 18 a newspaper's weight
- 19 the length of Africa
- 20 a baby's weight

C

Copy and complete.

- 1 $250 \text{ ml} + \square = 1 \text{ litre}$
- 2 $94 \text{ cm} + \square = 1 \text{ m}$
- 3 $580 \text{ m} + \square = 1 \text{ km}$
- 4 $390 \text{ g} + \square = 1 \text{ kg}$
- 5 $110 \text{ ml} + \square = 1 \text{ litre}$
- 6 $76 \text{ cm} + \square = 1 \text{ m}$
- 7 $90 \text{ m} + \square = 1 \text{ km}$
- 8 $820 \text{ g} + \square = 1 \text{ kg}$
- 9 $670 \text{ ml} + \square = 1 \text{ litre}$
- 10 $46 \text{ cm} + \square = 1 \text{ m}$
- 11 $530 \text{ m} + \square = 1 \text{ km}$
- 12 $210 \text{ g} + \square = 1 \text{ kg}$

Copy the sentence choosing the most sensible estimate.

- 13 An apple weighs (15 g, 150 g, 1500 g).
- 14 Jake walked (40 m, 400 m, 4000 m) in one hour.
- 15 A bottle of perfume holds (20 ml, 200 ml, 2 litres).
- 16 A box of cornflakes weighs (34 g, $\frac{3}{4} \text{ kg}$, 3 kg).