

## Metric Conversions 2

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### Length

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

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

$$1\text{cm} = 10\text{mm}$$

(1) Convert each of the following:

- (a) 5km into metres
- (b) 500m into km
- (c) 10cm into mm
- (d) 45mm into cm
- (e) 38cm into metres
- (f) 3.2m into cm
- (g) 19.5km into metres
- (h) 112mm into cm
- (i) 760m in km
- (j) 212m into cm

### Mass (weight)

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

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

(1) Convert each of the following:

- (a) 3kg into grams
- (b) 600g into kg
- (c) 4 tonnes into kg
- (d) 800kg into tonnes
- (e) 320g into kg
- (f) 750kg into tonnes
- (g) 30g into kg
- (h) 0.47kg into g
- (i) 100kg into tonnes

## Volume (Capacity)

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

$$1\text{cl} = 10\text{ml}$$

(1) Convert each of the following:

- (a) 4lt into ml
- (b) 300ml into litres
- (c) 20cl into ml
- (d) 18cl into ml
- (e) 1.2lt into ml
- (f) 30cl into ml
- (g) 850ml into litres
- (h) 6.4lt into ml
- (i) 0.84l into ml
- (j) 18ml into cl

### Mixed Questions

(1) Convert each of the following:

- (a) 700m into km
- (b) 3.5lt into ml
- (c) 16cm into mm
- (d) 3.2 tonnes into kg
- (e) 18kg into grams
- (f) 0.6 litres into ml
- (g) 14.2km into metres
- (h) 0.42kg into grams
- (i) 12cl into ml
- (j) 18m into km

## Tougher Questions

(1) Convert each of the following.

Be careful! :

- (a) 1m into mm
- (b) 3 tonnes into grams
- (c) 2cl into litres
- (d) 120mm into metres

(e) 15km into cm