Metric Conversions

**Length**

- 1km = 1000m
- 1m = 100cm
- 1cm = 10mm

(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 into km
(j) 212m into cm

**Mass (weight)**

- 1 tonne = 1000kg
- 1kg = 1000g

(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 litre = 1000ml
- 1cl = 10ml

(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

**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

**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