

## Scramble

Can you unscramble these tiles?  
Each word is something measurable.

W T H G I E

T L N G E H

M E O U V L

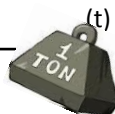
P T A I A Y C C

## Metric Units and Conversions

### Shortening

Can you put the correct names with their abbreviations, by filling in this table?

Length	Volume	Weight
(mm)	(ml)	(mg)
(cm)	(cl)	
(m)	(l)	(g)
(km)		(kg)
		(t)



## Tens of Thousands

Multiplying

$$45 \times 10 =$$

$$678 \times 100 =$$

$$35 \times 1000 =$$

$$7.49 \times 100 =$$

$$5.96 \times 10 =$$

$$0.05 \times 100 =$$

$$0.0853 \times 10 =$$

$$345.234 \times 100 =$$

$$84.9256 \times 10000 =$$

Dividing

$$3400 \div 10 =$$

$$4810 \div 100 =$$

$$9471 \div 10000 =$$

$$83.76 \div 10 =$$

$$40.51 \div 100 =$$

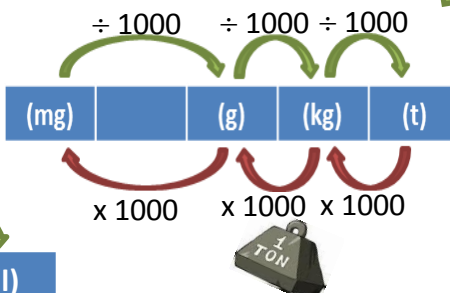
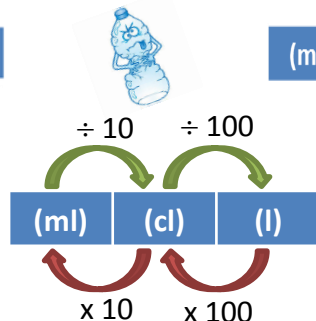
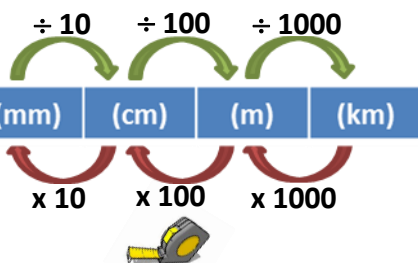
$$64.942 \div 1000 =$$

$$0.084 \div 100 =$$

$$0.00462 \div 10 =$$

$$94.982 \div 1000 =$$

### Info-gram



This info-gram contains all the information you require to solve any further questions.

Make sure you make the notes you need to remember these facts.



Your **R** **A** **G** Rating  
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### Weight

400g = .....kg	4t = .....kg
6400mg = .....g	6400kg = .....g
743mg = .....g	7430g = .....mg
5830kg = .....t	583g = .....mg
5900000g = .....t	0.07t = .....kg
4985000mg = .....t	5.864t = .....g

### Length

400cm = .....m	4000m = .....km
6400m = .....km	6400cm = .....m
743mm = .....cm	743cm = .....mm
5830cm = .....m	5830m = .....km
5900000cm = .....km	0.07m = .....cm
4985000mm = .....m	5.864m = .....mm

### Volume

400ml = .....cl	4l = .....cl
6400cl = .....l	6400cl = .....ml
743ml = .....l	743cl = .....ml
5830cl = .....l	5830l = .....ml
5900000ml = .....l	0.07l = .....cl
4985000ml = .....cl	5.864l = .....ml

### Challenge

The small cube has each length of 1cm.  
The large cube has each length of 1m.  
How many small cubes will fit in to a single large cube?