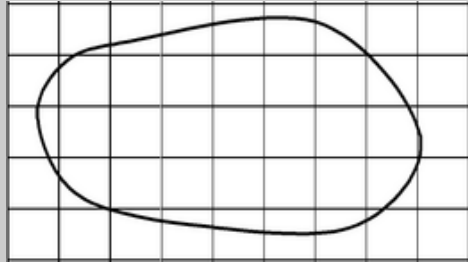
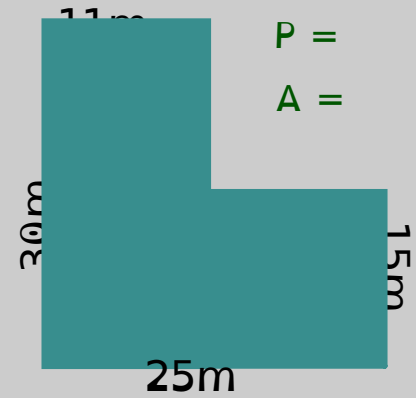


Something I have learnt yesterday.

True or false? Explain.



Something I have learnt last week.



Something I have learnt last term.

$$3404 + 24,849 =$$

Something I have learnt last year.

Use $<$, $>$ or $=$ to make the statements correct.

500 m	<input type="radio"/>	$\frac{1}{2}$ km
7 km	<input type="radio"/>	800 m
5 km	<input type="radio"/>	500 m

L.O.: I can reactivate my prior knowledge.

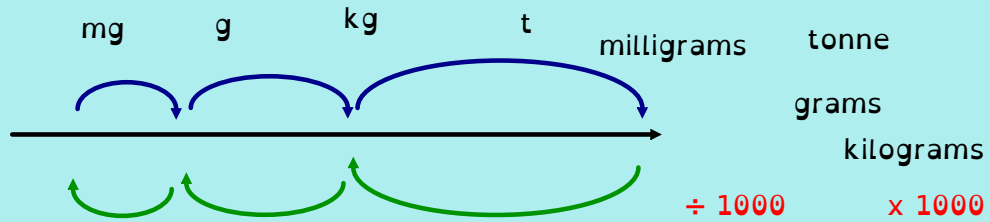


What I know about measurements ...

L.O.: I can convert between different measurements involving "kilo".

Take 1 - Measurement of Mass

Complete the "number line" and add the missing numbers.



Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
100000	10000	1000	100	10	1	.	.1	.01	.001

÷ 1000 x 1000 x 1000
÷ 1000

Stem-Sentence:

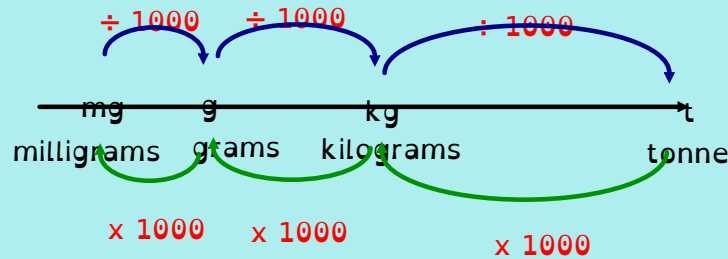
- ... g equates to ... kg, because kg equates to ... g, because ...
- ... mg equates to ... g, because g equates to ... mg, because ...
- ... kg equates to ... t, because t equates to ... kg, because ...

Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

Check your completed "number line".



- 1 t = 1000 kg
- 1000 kg = 1 t
- 1 kg = 1000 g
- 1000 g = 1 kg
- 1 g = 1000 mg
- 1000 mg = 1 g

Stem-Sentence:

... g equates to ... kg, because kg equates to ... g, because ...
... mg equates to ... g, because g equates to ... mg, because ...
... kg equates to ... t, because t equates to ... kg, because ...

Keywords:

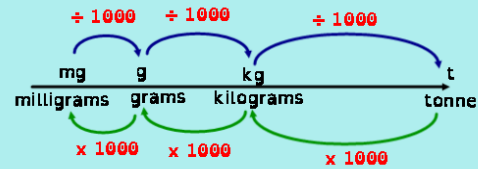
measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

With an adult (if needed) -> On your own: Complete the table.

3000 g = _____ kg
 _____ g = 5 kg
 4300 g = _____ kg
 _____ g = 2.2 kg
 700g = _____ kg
 _____ g = 0.25 kg

7000 g = _____ kg
 _____ g = 18 kg
 43,500 g = _____ kg
 _____ g = 4.8 kg
 650g = _____ kg
 _____ g = 0.951 kg



1 t = 1000 kg
 1000 kg = 1 t
 1 kg = 1000 g
 1000 g = 1 kg
 1 g = 1000 mg
 1000 mg = 1 g

Stem-Sentence:

... m equates to ... km, because km equates to ... m, because ...

... cm equates to ... m, because m equates to ... cm, because ...

... mm equates to ... cm, because cm equates to ... mm, because ...

Keywords:

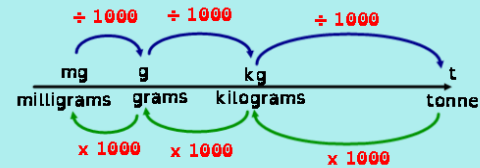
measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

CHECK!

3000 g = 3 kg
 5000 g = 5 kg
 4300 g = 4.3 kg
 2200 g = 2.2 kg
 700g = 0.7 kg
 250 g = 0.25 kg

7000 g = 7 kg
 18,000 g = 18 kg
 43,500 g = 43.5 kg
 4800 g = 4.8 kg
 650 g = 0.650 kg
 951 g = 0.951 kg



1 t = 1000 kg
 1000 kg = 1 t
 1 kg = 1000 g
 1000 g = 1 kg
 1 g = 1000 mg
 1000 mg = 1 g

Stem-Sentence:

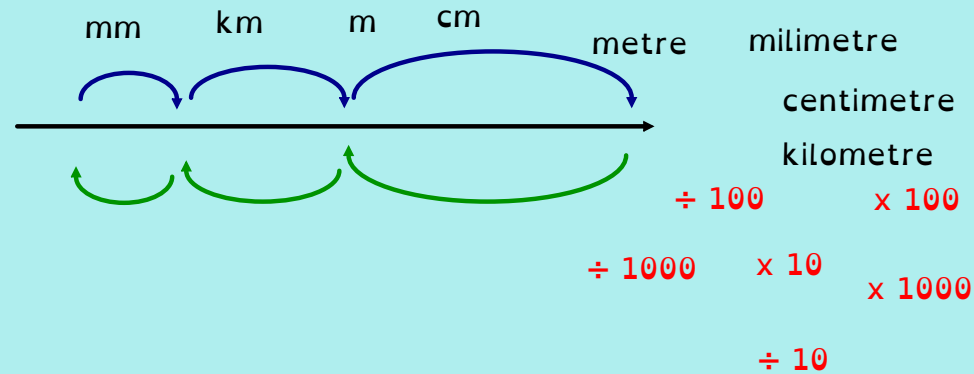
... m equates to ... km, because km equates to ... m, because ...
 ... cm equates to ... m, because m equates to ... cm, because ...
 ... mm equates to ... cm, because cm equates to ... mm,
 because ...

Keywords:
 measurement, distance, mass, capacity, kilometres, millimetres, centimetres,
 metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

Take II - Measurement of distance:

Complete the "number line" and add the missing numbers.



Stem-Sentence:

... m equates to ... km, because km equates to ... m, because ...

... cm equates to ... m, because m equates to ... cm, because ...

... mm equates to ... cm, because cm equates to ... mm, because ...

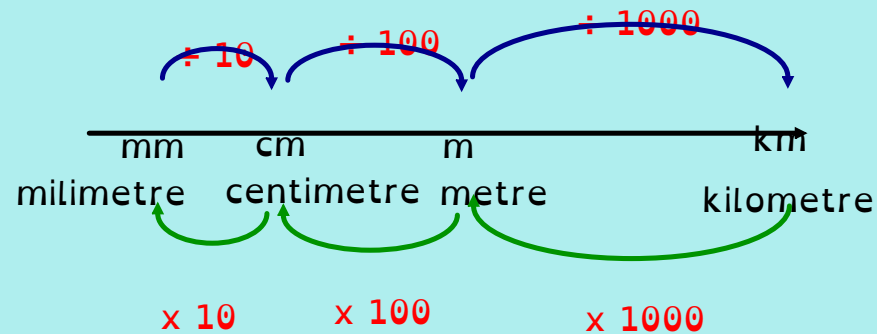
Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

Take II - Measurement of distance:

Complete the "number line" and add the missing numbers.



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

Stem-Sentence:

- ... m equates to ... km, because ...
- ... km equates to ... m, because ...
- ... cm equates to ... m, because ...
- ... m equates to ... cm, because ...
- ... mm equates to ... cm, because ...
- ... cm equates to ... mm, because ...

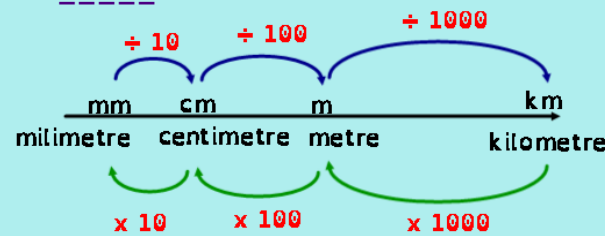
Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

With an adult (if needed) -> On your own: Complete the table.

<p>7000 m = _____ km</p> <p>_____ m = 15 km</p> <p>400 m = _____ km</p> <p>_____ m = 6.2 km</p> <p>700cm = _____ m</p> <p>_____ cm = 25 m</p>	<p>25,000 m = _____ km</p> <p>_____ m = 38 km</p> <p>1200 m = _____ km</p> <p>_____ m = 2.3 km</p> <p>800cm = _____ m</p> <p>_____ cm = 6.04 m</p>
---	--



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

Stem-Sentence:

... m equates to ... km, because km equates to ... m, because ...
... cm equates to ... m, because m equates to ... cm, because ...
... mm equates to ... cm, because cm equates to ... mm, because ...

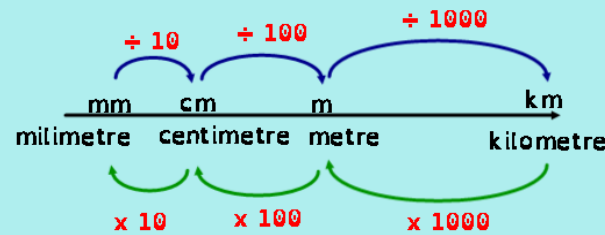
Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements involving "kilo".

CHECK!

<p>7000 m = 7 km</p> <p>15,000 m = 15 km</p> <p>400 m = 0.4 km</p> <p>6200 m = 6.2 km</p> <p>700 cm = 7 m</p> <p>2500 cm = 25 m</p>	<p>25,000 m = 25 km</p> <p>38,000 m = 38 km</p> <p>1200 m = 1.2 km</p> <p>2300 m = 2.3 km</p> <p>800 cm = 8 m</p> <p>604 cm = 6.04 m</p>
---	--



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

Stem-Sentence:

- ... m equates to ... km, because ...
- ... km equates to ... m, because ...
- ... cm equates to ... m, because ...
- ... m equates to ... cm, because ...
- ... mm equates to ... cm, because ...
- ... cm equates to ... mm, because ...

Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

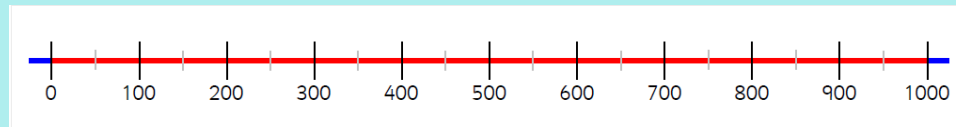
L.O.: I can convert between different measurements involving "kilo".

Complete the statements.

If half a kg is 500g then $1/2$ km is ____

$1/4$ of a km is _____ m

_____ kg is 750 g



Stem-Sentence:

... $1/5$ equates to ..., because $1/4$ equates to ..., because ...

... $2/5$ equates to ..., because $1/2$ equates to ..., because ...

... $1/10$ equates to ..., because $3/4$ equates to ..., because ...

Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements of distance.

Think & discuss: How much of ... could I buy with £5?
How much change would I get?

£1.20/kg



78p/100g

Stem-Sentence:

... 1/5 equates to ..., because ...

... 1/4 equates to ..., because ...

... 2/5 equates to ..., because ...

... 1/2 equates to ..., because ...

... 1/10 equates to ..., because ...

... 3/4 equates to ..., because ...

Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres,
 metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements of distance.

Think & discuss: How much of ... could I buy with £5?

How much change would I get?

£1.20/kg

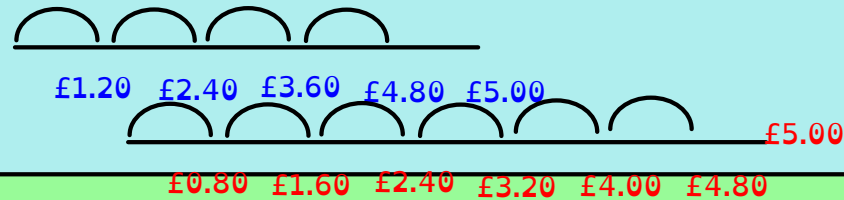


4 kg of apples cost £4.80,
so I get 20p change.



80p/kg

6 kg of carrots cost £4.80,
so I get 20p change.



Stem-Sentence:

- ... 1/5 equates to ..., because ...
- ... 2/5 equates to ..., because ...
- ... 1/10 equates to ..., because ...
- ... 1/4 equates to ..., because ...
- ... 1/2 equates to ..., because ...
- ... 3/4 equates to ..., because ...

Keywords:

measurement, distance, mass, capacity, kilometres, millimetres, centimetres, metres, grams, milligrams, kilograms, metric, imperial, ...

L.O.: I can convert between different measurements of distance.



Task: Complete the tasks from your sheet.



Plenary



RL: What I found tricky today, was ...

I have learnt that ...

1. ...
2. ...
3. ...