

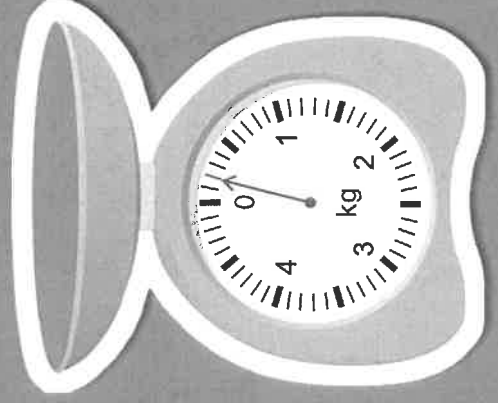
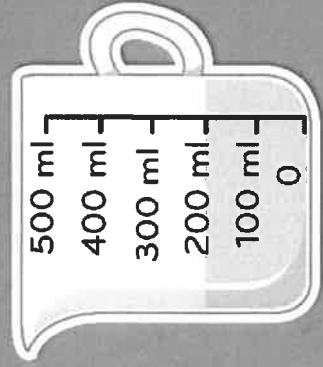


**THIRD SPACE
LEARNING**



HELLO!

Today we are going to revise measurement
(Converting metric and imperial units)





Arithmetic Warm Up

Division

1. $220 \div 1000 =$

2. $4 \overline{)1608} =$



**THIRD SPACE
LEARNING**

Revision on measurement

Today we are going to practise



reading measurement scales



estimating and comparing measurements





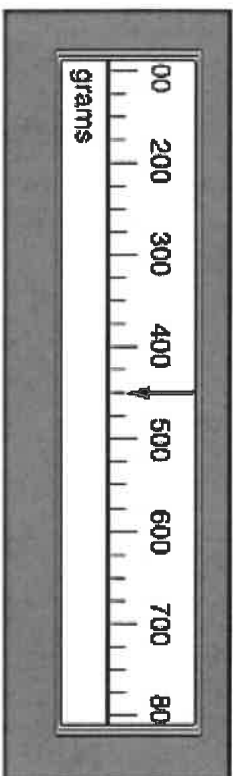
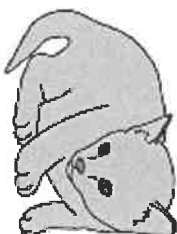
Complete

Question 1

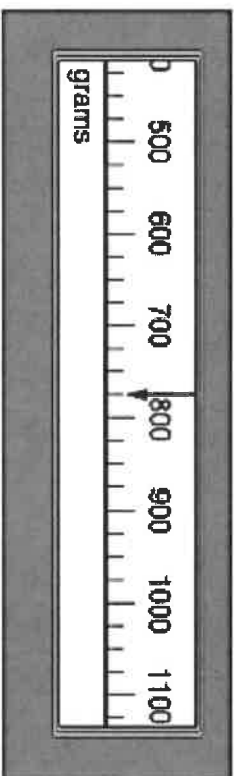
What do you notice?

Can you show your working out?

This scale shows the mass of Amy's kitten when it was one month old.



This scale shows the mass of the kitten when it was two months old.



What is the increase in mass?



What do you know?

How could you extend the question?



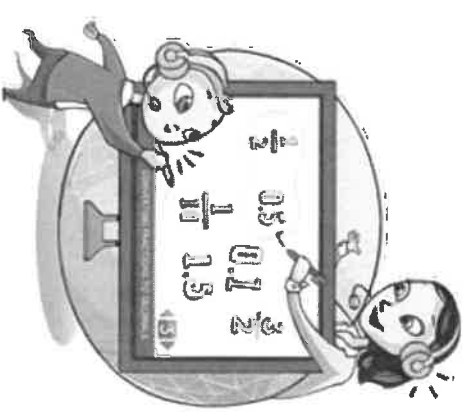
Complete

Question 2



| | | |
|--|---|---|
| <p> What do you notice?</p> | <p>Sarah is cooking.</p> <p>Tick (✓) the most likely capacity of the pan.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <input type="checkbox"/> 2.5 millilitres </div> <div style="text-align: center;"> <input type="checkbox"/> 25 millilitres </div> <div style="text-align: center;"> <input type="checkbox"/> 250 millilitres </div> <div style="text-align: center;"> <input type="checkbox"/> 2.5 litres </div> <div style="text-align: center;"> <input type="checkbox"/> 25 litres </div> <div style="text-align: center;"> <input type="checkbox"/> 250 litres </div> </div> <div style="text-align: center; margin-top: 20px;"> </div> | <p>What do you know?</p> |
| <p> Can you show your working out?</p> | | <p>How could you extend the question?</p> |



Revision on measurement

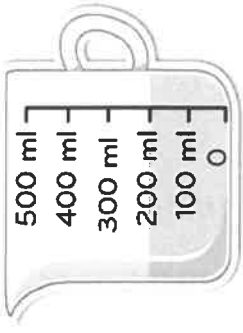
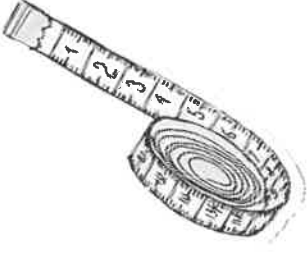
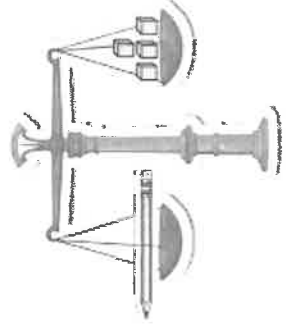


Today we are **going to revise** how to:

-  convert between standard metric units of measurement
-  convert between imperial units and metric units

Revision: Converting metric units

Can you remember these metric unit facts?



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

4. $1\text{kg} =$ g

2. $1\text{cm} = 10$

5. 1000 $= 1\text{ litre}$

3. $1\text{km} =$ m

6. $1\text{ tonne} =$ kg



Revision: Converting metric units

Now using your metric units facts, solve these conversions:

1. $2\text{km} =$

m

2. $0.4\text{kg} =$

g

3. $2030\text{ml} =$

litres

4. $5.6\text{m} =$

cm



Question 3

 What do you notice?


Write these lengths in order, starting with the shortest.

$1\frac{1}{2}$ m

3.5cm

25mm


20cm



shortest

 What do you know?

 Can you show your working out?

 How could you extend the question?



Question 4

What do you notice?

Can you show your working out?



Cheddar cheese costs £7.50 for 1kg.

Marie buys 200 grams of cheddar cheese.

How much does she pay?

What do you know?

How could you extend the question?




£



Question 5

 What do you notice?




Beth fills six 125ml cups from a full 2 litre bottle of orange juice.

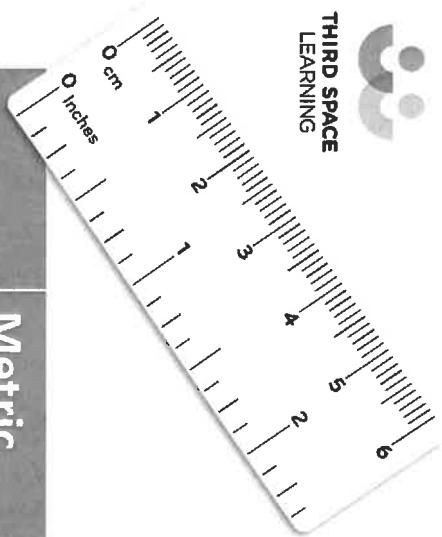
How much orange juice is left in the bottle?

ml

What do you know?

 Can you show your working out?

How could you extend the question?



Imperial Units

Metric Imperial

| | | |
|---------------|---------------|------------------------|
| Length | mm, cm, m, km | inch, foot, yard, mile |
|---------------|---------------|------------------------|

1cm ≈ 0.4 inch 1m ≈ 3 ¼ feet

1 inch ≈ 2.5 cm 1 foot (12 inches) ≈ 30 cm

| | | |
|-------------|--------------|-------------------------------|
| Mass | g, kg, tonne | Ounce (oz), pound (lb), stone |
|-------------|--------------|-------------------------------|

1 kg ≈ 2.2 pounds

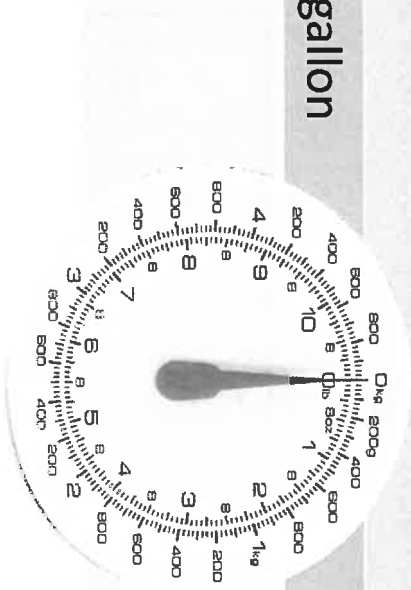
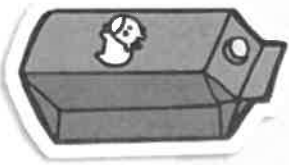
1 pound ≈ 450g


| | | |
|-----------------|-------|--------------|
| Capacity | ml, l | pint, gallon |
|-----------------|-------|--------------|

4 ½ litre ≈ 1 gallon

1 litre ≈ 1.75 pints


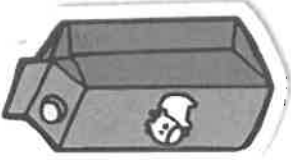



1 pint ≈ 570ml



 To build a bookcase you need to buy a piece of wood 24 inches long. When you go to the shops, they only sell wood using metric measures. What length of wood should you ask for?



Question 6

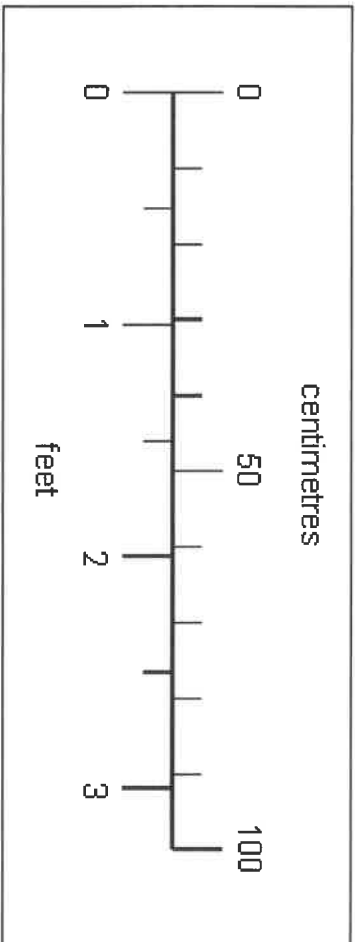
| | | |
|---|---|---|
| <p> What do you notice?</p> | <p>This carton of milk contains 2.5 litres.</p>  <p>How many <u>pints</u> of milk does the carton contain?</p> | <p>What do you know?</p>  |
| <p> Can you show your working out?</p> | | <p>How could you extend the question?</p>  |



Question 7

What do you notice?

Can you show your working out?



Not actual size

This scale shows length measurements in centimetres and feet.
Estimate the number of centimetres that are equal to 2 $\frac{1}{2}$ feet.

What do you know?

How could you extend the question?



Let's review:

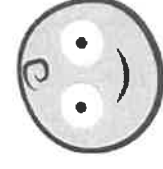
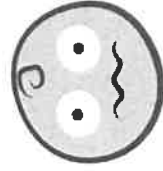
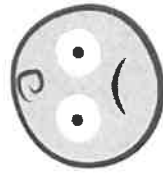


I can convert between standard metric units of measurement



I can convert between standard metric units and imperial units

Is there something you would like to go over before we move on?



Draw a circle around the smiley face to show how you feel about what we've just been doing.

