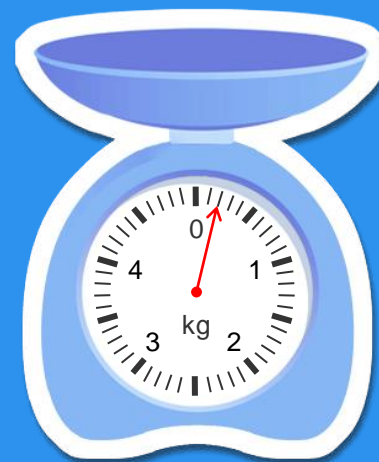
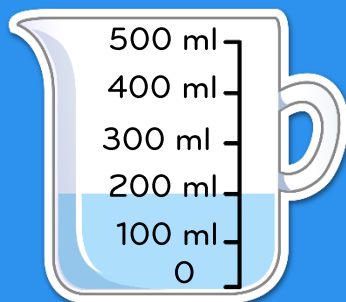




HELLO!

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



Arithmetic Warm Up

Division

1. $220 \div 1000 =$

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

Revision on measurement

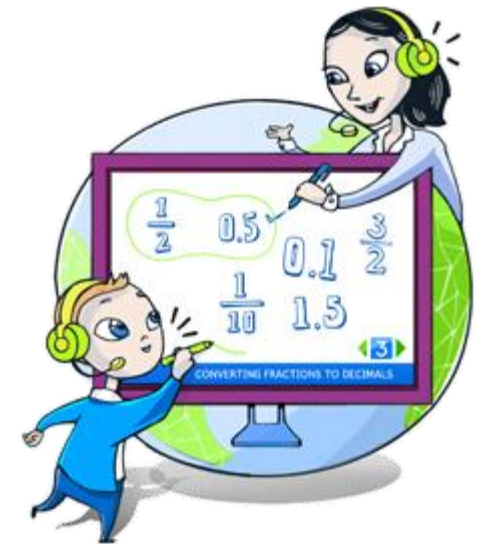
Today we are going to practise



reading measurement scales



estimating and comparing measurements



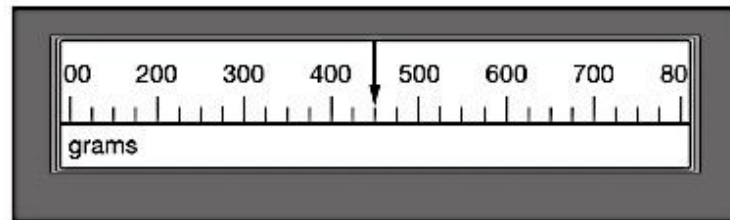


Complete

Question 1

What do you notice?

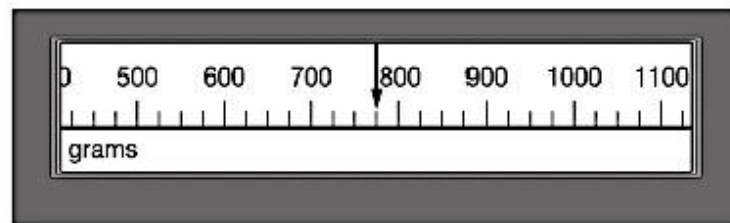
This scale shows the mass of Amy's kitten when it was one month old.



What do you know?

Can you show your working out?

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



How could you extend the question?

What is the increase in mass?


 g

Question 2



Complete

What do you notice?

Sarah is cooking.

What do you know?

Tick (✓) the most likely capacity of the pan.



2.5 millilitres

25 millilitres

250 millilitres

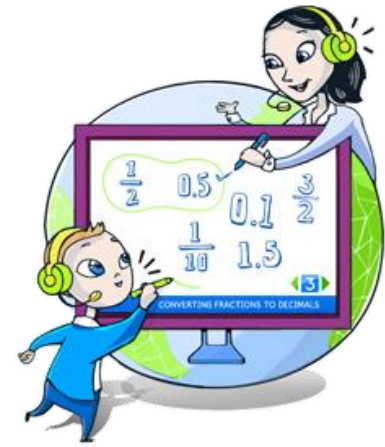
2.5 litres

25 litres

250 litres

Can you show your working out?

How could you extend the question?



Revision on measurement

Today we are going to revise how to:



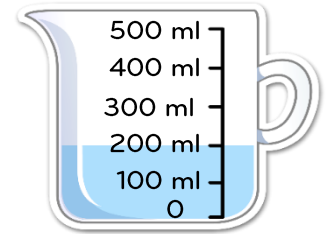
convert between standard metric units of measurement



convert between imperial units and metric units

Revision: Converting metric units

Can you remember these metric unit facts?



1. 1m = cm

4. 1kg = g

2. 1 cm = 10

5. 1 000 = 1 litre

3. 1km = m

6. 1 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




Complete

Question 3

 What do you notice?

Write these lengths in order, starting with the shortest.

What do you know? 


$\frac{1}{2}$ m

3.5cm

25mm

20cm

 Can you show your working out?

How could you extend the question? 



shortest



Question 4

What do you notice?



What do you know?

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?

How could you extend the question?



£

Question 5



Complete

What do you
notice?



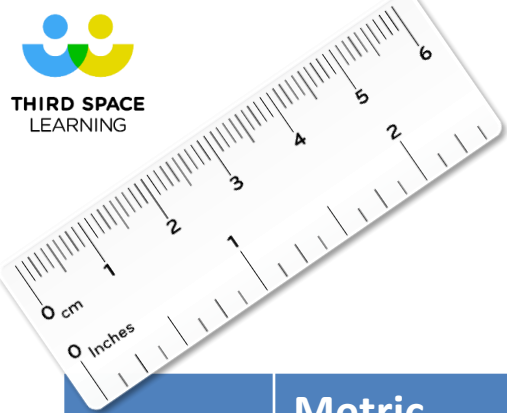
Beth fills six 125ml cups from a full 2 litre bottle of orange juice.

How much orange juice is left in the bottle?

ml

What do you
know?

How could
you extend
the question?



Imperial Units

	Metric	Imperial
Length	mm, cm, m, km	inch, foot, yard, mile
	1cm \approx 0.4 inch 1 inch \approx 2.5 cm	1m \approx 3 $\frac{1}{4}$ feet 1 foot (12 inches) \approx 30 cm
Mass	g, kg, tonne	Ounce (oz), pound (lb), stone
	1 kg \approx 2.2 pounds 1 pound \approx 450g	
Capacity	ml, l	pint, gallon
	4 $\frac{1}{2}$ litre \approx 1 gallon 1 litre \approx 1.75 pints 1 pint \approx 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

THIRD SPACE
LEARNING




Complete

 What do you notice?


This carton of milk contains 2.5 litres.



What do you know? 

How many pints of milk does the carton contain?

 Can you show your working out?

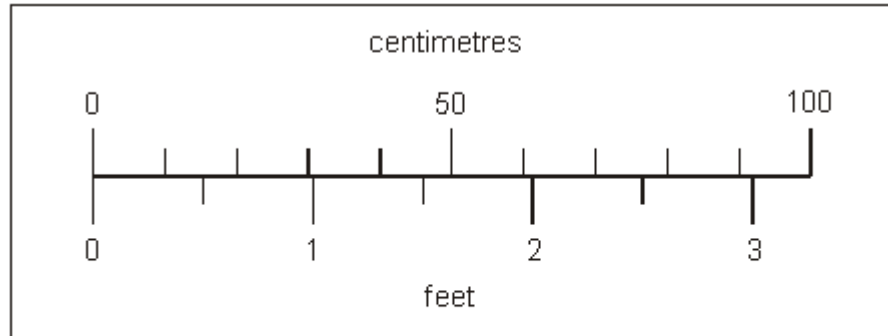
How could you extend the question? 

Question 7



Complete

What do you notice?



Not actual size

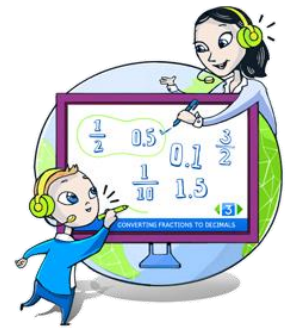
What do you know?

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

Can you show your working out?

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.