



MEASUREMENT

Help Code : 023

+ CONVERTING UNITS

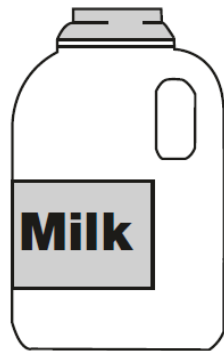
10

A bottle contains 568 millilitres of milk.

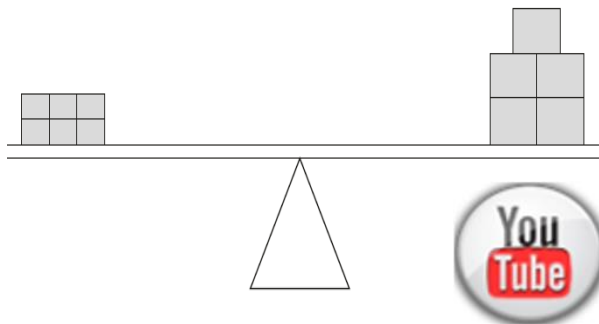
Jack pours out **half a litre**.

How much milk is left?

68ml



16 6 small bricks have the same mass as 5 large bricks.



The mass of one small brick is 2.5 kg.

What is the mass of one large brick?

Show your method

3 kg

11 Here is a rule for the time it takes to cook a chicken.

Cooking time = 20 minutes plus an extra 40 minutes for each kilogram

How many minutes will it take to cook a 3 kg chicken?

140 minutes

What is the mass of a chicken that takes 100 minutes to cook?



2 kg

19 Miss Mills is making jam to sell at the school fair.

Strawberries cost £7.50 per kg.

Sugar costs 79p per kg.

10 glass jars cost £6.90

She uses 12 kg of strawberries and 10 kg of sugar to make 20 jars full of jam.

Calculate the total cost to make 20 jars full of jam.



Show your method

£ 111.70

Chen pours 165 millilitres of milk into a measuring jug.

Draw an arrow on the jug to show the level of the milk.

5

ml

200
180
160
140
120
100
80
60
40
20

One gram of gold costs £32.94

What is the cost of **half a kilogram** of gold?

19

Show your method

£ 16,470

A packet contains 1.5kg of oats.



Every day Maria uses 50g of oats to make porridge.

How many days does the packet of oats last?

Show your method

30 days

Y6 SATS

Measurement & Converting Units

Help Code : 023

BOOSTER

2013A KS2 Q20



Chen and Megan each have a parcel.

Chen's parcel weighs $1\frac{1}{2}$ kg.

Megan's parcel weighs 1.2kg.

How many more **grams** does Chen's parcel weigh than Megan's parcel?

Show your working

300 grams

2012A KS2 Q17

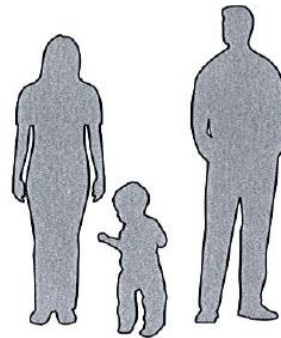


Freddie is half as tall as his mother.

Freddie is one metre shorter than his father.

Freddie's father is 180 centimetres tall.

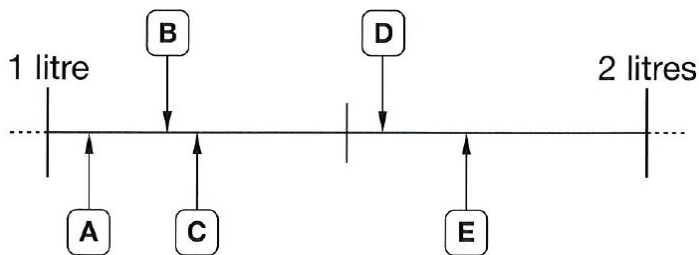
How many centimetres tall is Freddie's mother?



160 cm

2012A KS2 Q19

Here are five letters on a scale.



Match each letter to one of the capacities in the list below.

1200 ml

B

1.7 l

E

$1\frac{1}{4}$ l

C

1560 ml

D

1.07 l

A



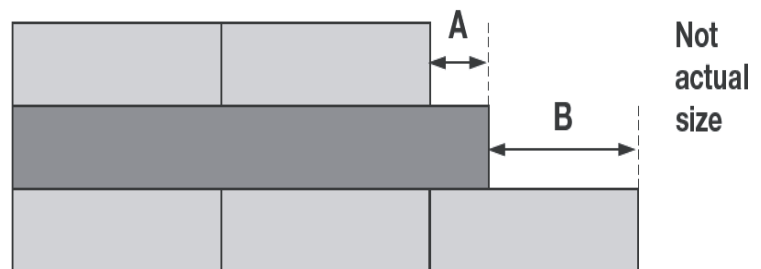
2010A KS2 Q13



Liam has two different sizes of rectangle.



He makes this pattern with them



Not actual size

A = **5** cm

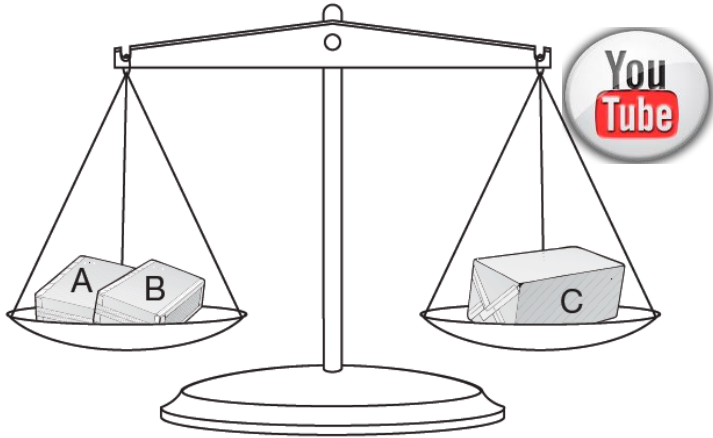
Calculate the lengths of A and B.

B = **15** cm

2009A KS2 Q17

Amir has three parcels.

Parcels A and B together weigh the same as parcel C.



The three parcels weigh 800 grams altogether.

Parcel A weighs 250g.

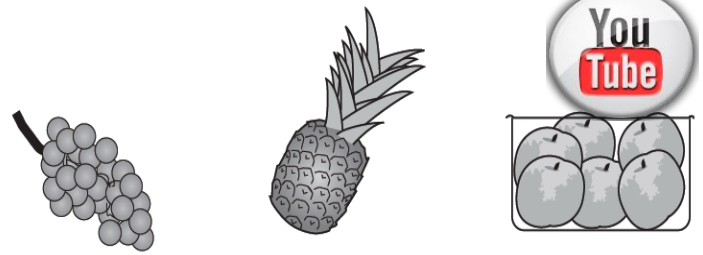
How much does parcel B weigh?

Show your **working**. You may get a mark.

150 g

2009A KS2 Q11

Amir and Lara buy some fruit.



grapes
£2.50
for 1 kilogram

pineapples
£1.40
each

peaches
£1.99
for a box

Amir buys 2 pineapples and a box of peaches.

How much does he pay?

4.79

Lara buys half a kilogram of grapes and one pineapple.

How much change does she get from £5?

Show your **working**. You may get a mark.

£ 2.35

2011A KS2 Q25

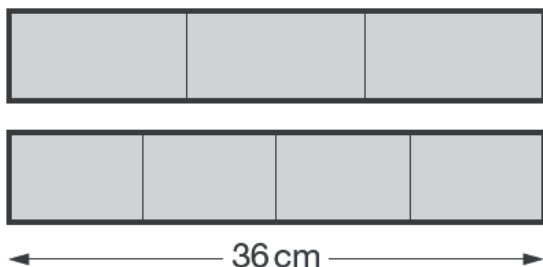
Joe has two strips of card.



Each strip is 36 centimetres long.

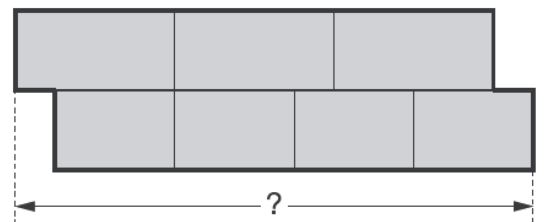
One strip is divided into three equal parts.

The other strip is divided into four equal parts.



Not actual size

Joe uses the two strips to make this shape.



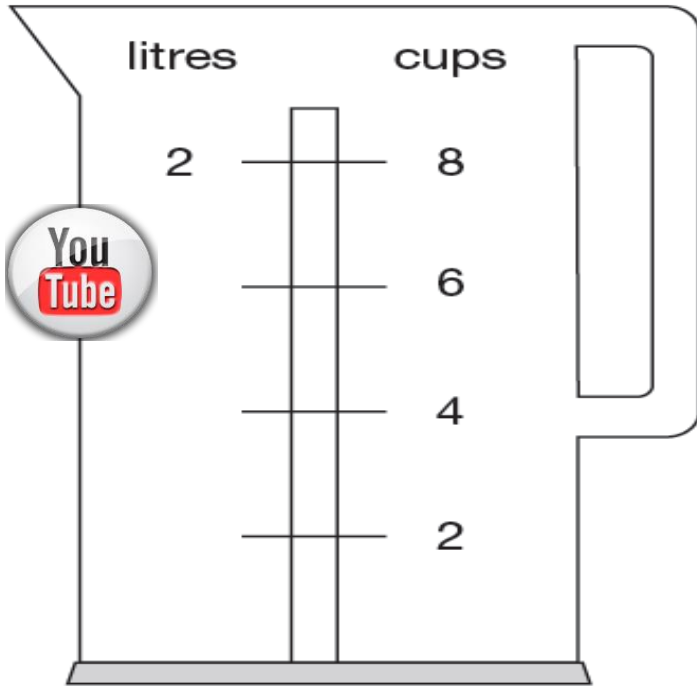
What is the total length of Joe's shape?

Show your working

39 cm

2008A KS2 Q22

Nisha's kettle holds 2 litres of water.



How many millilitres are equal to 1 cup?

 **250** ml

2007A KS2 Q4

Kate has a piece of ribbon **one metre** long.

She cuts off 30 centimetres.



How many centimetres of ribbon are left?



70 cm

2003A KS2 Q19

A packet contains **1.5 kilograms** of guinea pig food.

Remi feeds her guinea pig **30 grams** of food each day.



How many days does the packet of food last?



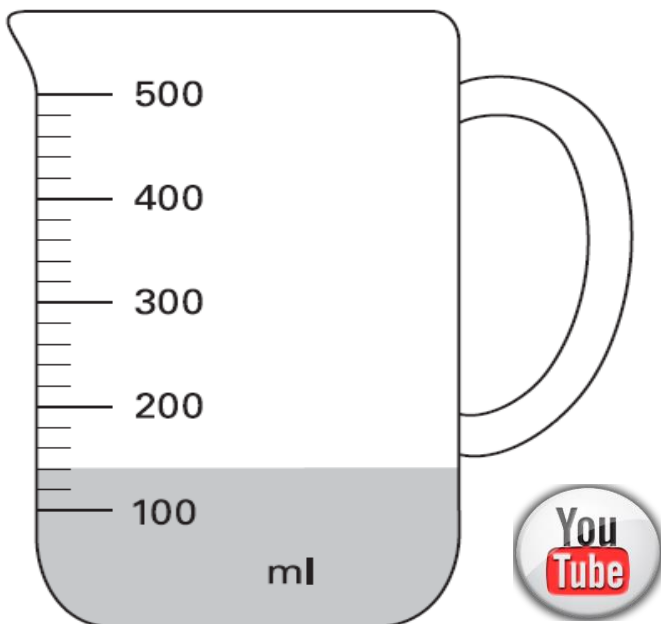
Show your **working**.
You may get a mark.

50 days

2004A KS2 Q16

Mr Khan makes a blackcurrant drink for a party.

He pours blackcurrant squash into a jug.



How much water must he add to make **500 millilitres** of drink?

 **360** ml



2003A KS2 Q12



A bottle holds **1 litre** of lemonade.
 Rachel fills **5 glasses** with lemonade.
 She puts **150 millilitres** in each glass.

How much lemonade is left in the bottle?

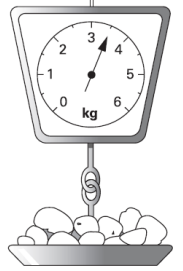
Show your **working**.
 You may get a mark.

250 ml

2002A KS2 Q15



This table shows the weight of some fruits and vegetables.



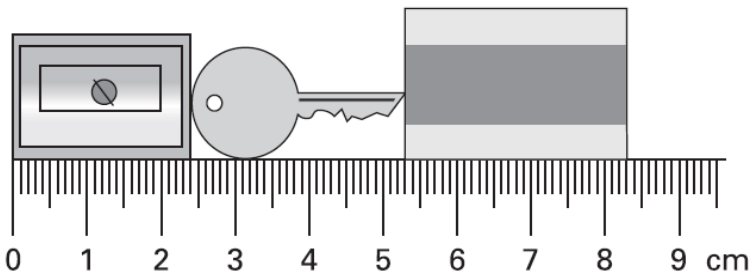
Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples	1200	1.2
grapes	250	0.25
ginger	30	0.03

2002A KS2 Q13



Here are a pencil sharpener, a key and a rubber.
Actual size



What is the length of **all three things** together?

Give your answer in **millimetres**.

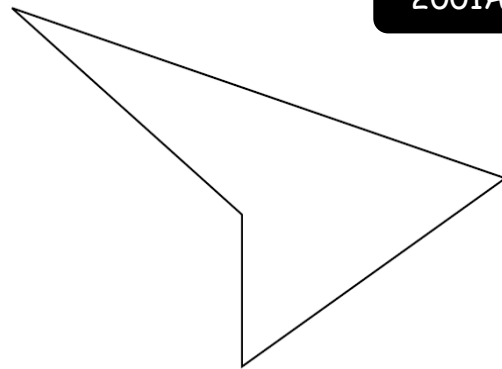
83 mm

What is the length of the **key**?

Give your answer in **millimetres**.

29 mm

2001A KS2 Q17



Measure accurately the **longest side** of this shape.

Give your answer in millimetres.

96 mm

Measure accurately the **smallest angle** in the shape.

Use a protractor (angle measurer).

22 °