Y6 SATs

Measurement & Converting Units BOOSTER

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

[   ] grams

2012A KS2 Q17

Freddie is half as tall as his mother.

Freddie is one metre shorter than his father.
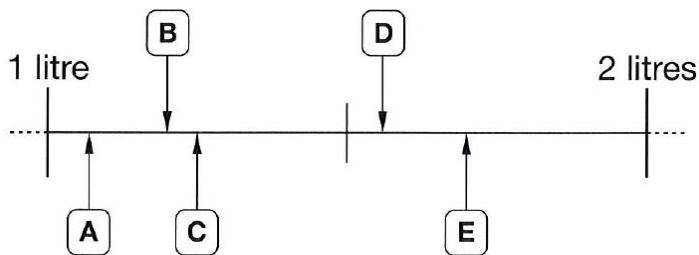
Freddie's father is 180 centimetres tall.

How many centimetres tall is Freddie's mother?

[   ] cm

2012A KS2 Q19

Here are five letters on a scale.

1 litre .... B .... D .... 2 litres
        A   C   E

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

1200 ml [   ]

1.7 l [   ]

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

1560 ml [   ]

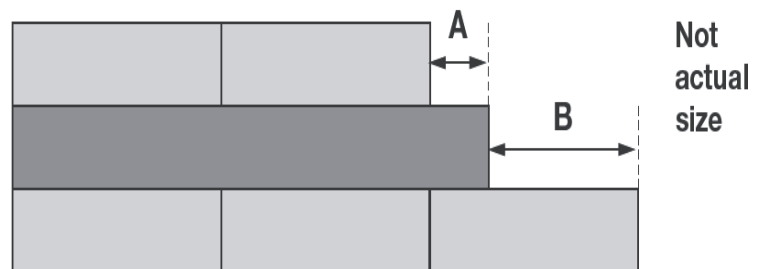1.07 l [   ]

2010A KS2 Q13

Liam has two different sizes of rectangle.

⟵ 45cm ⟶   ⟵ 20cm ⟶

He makes this pattern with them

A
B
Not actual size

Calculate the lengths of **A** and **B**.

A = [   ] cm

B = [   ] cm

Amir has three parcels.

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

A   B   C
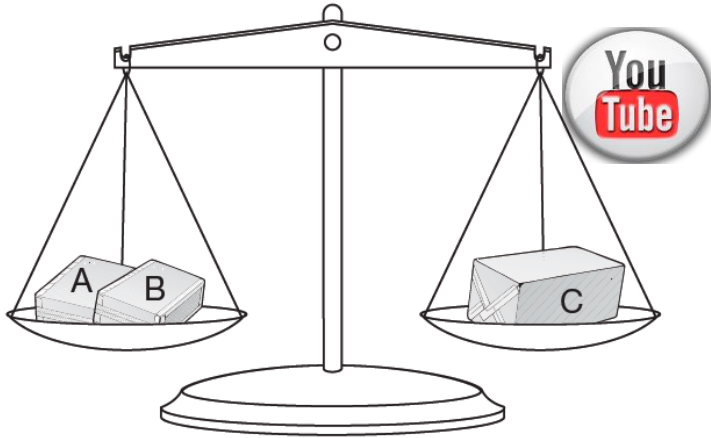
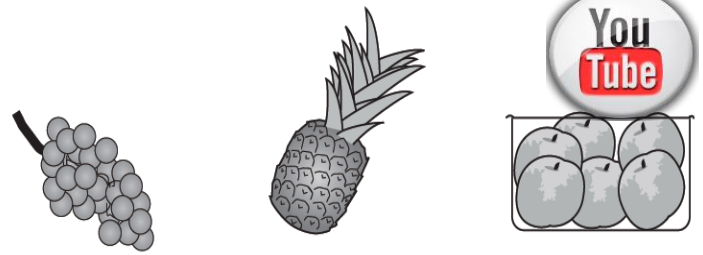The three parcels weigh 800 grams altogether.

Parcel A weighs 250 g.

How much does parcel B weigh?

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

g

Amir and Lara buy some fruit.

grapes	pineapples	peaches
£2.50 for 1 kilogram	£1.40 each	£1.99 for a box

Amir buys 2 pineapples and a box of peaches.

How much does he pay?

£

Lara buys half a kilogram of grapes and one pineapple.

How much change does she get from £5?

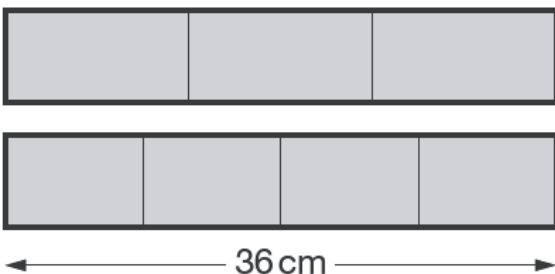Show your **working**. You may get a mark.

£

Joe has two strips of card.
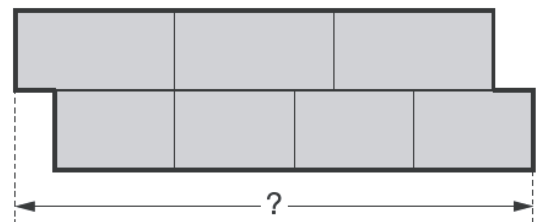
Each strip is 36 centimetres long.

One strip is divided into three equal parts.

The other strip is divided into four equal parts.

Not actual size
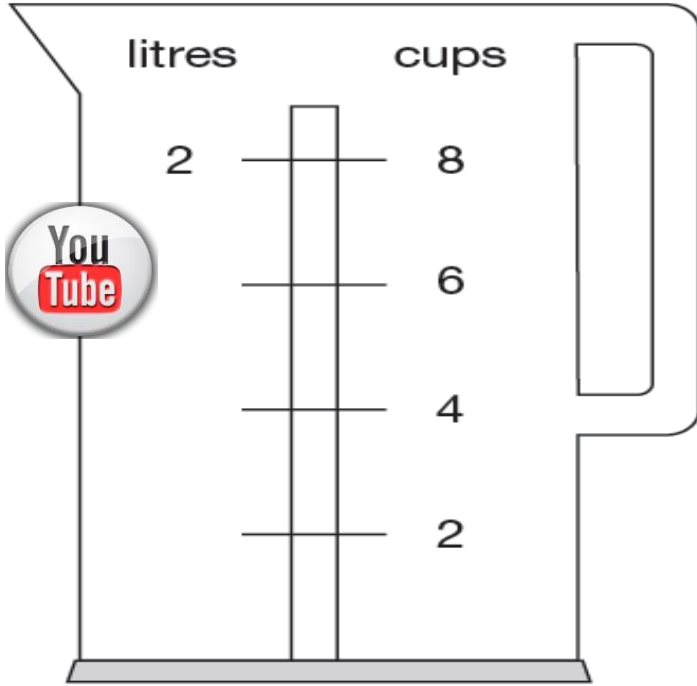
36 cm

Joe uses the two strips to make this shape.

?

What is the total length of Joe's shape?

Show your working

cm

Nisha's kettle holds 2 litres of water.

litres   **cups**

2 ——————— 8

—————— 6

4 ——————— 4

—————— 2

How many millilitres are equal to 1 cup?

[ ] ml

Mr Khan makes a blackcurrant drink for a party.

He pours blackcurrant squash into a jug.

— 500

— 400

— 300

— 200

— 100

ml

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

[ ] ml

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

She cuts off 30 centimetres.

How many centimetres of ribbon are left?

[ ] cm

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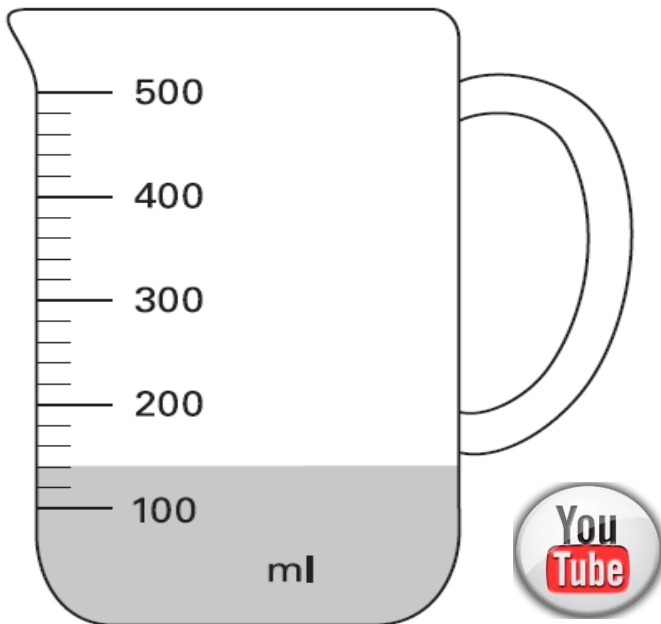
Show your **working.** You may get a mark.

[ ] days

2003A KS2 Q12

A bottle holds **1 litre** of lemonade.

Rachel fills **5** glasses with lemonade.

She puts **150 millilitres** in each glass.
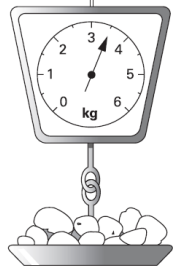
How much lemonade is left in the bottle?

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

ml

2002A KS2 Q15

This table shows the weight of some fruits and vegetables.
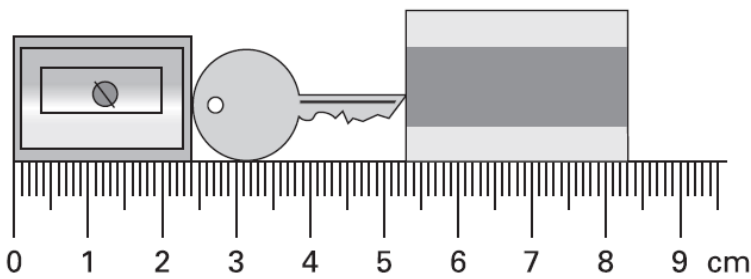
Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples		1.2
grapes	250	
ginger		0.03

2002A KS2 Q13

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

0   1   2   3   4   5   6   7   8   9 cm

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

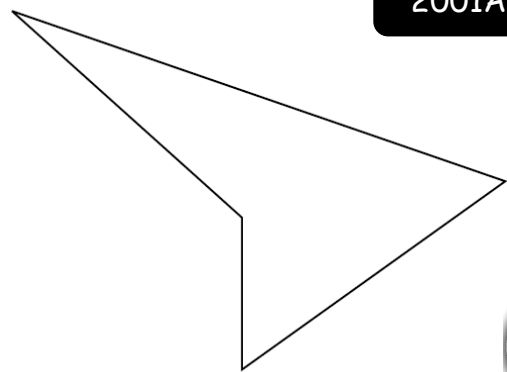Give your answer in **millimetres.**

mm

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

Give your answer in **millimetres.**

mm

2001A KS2 Q17

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

Give your answer in millimetres.

mm

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

Use a protractor (angle measurer).

°