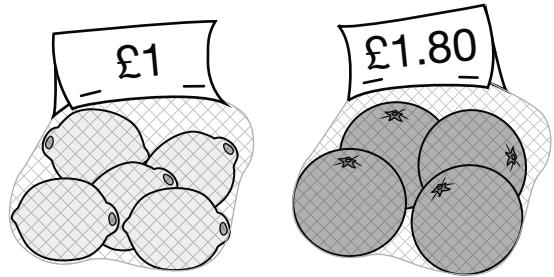


10

A bag of 5 lemons costs £1

A bag of 4 oranges costs £1.80



How much **more** does one orange cost than one lemon?

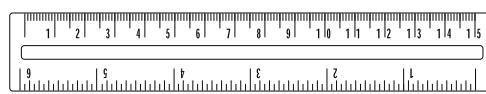
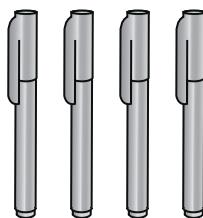
Show your method

2 marks

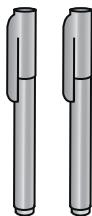


10

Adam buys 4 pens and a ruler and pays £4.75 altogether.



Jack buys 2 pens and pays £1.98 altogether.



How much does a **ruler** cost?

Show
your
method

2 marks



10

A shop has an offer.



Buy one box for £1.90

Get the second box half price.

Ali buys two boxes of cereal.

How much must he pay altogether?

Show
your
method

£

2 marks



11

A packet contains 1.5 kg of oats.



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

How many days does the packet of oats last?

Show your method

days

2 marks

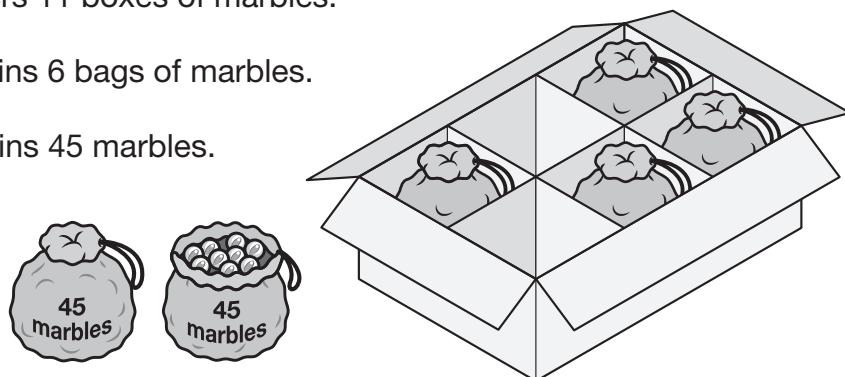


11

A toy shop orders 11 boxes of marbles.

Each box contains 6 bags of marbles.

Each bag contains 45 marbles.



How many **marbles** does the shop order in total?

Show your method

A large grid of red lines on a white background, with a black-bordered box containing the word "marbles" in the bottom right corner.

2 marks

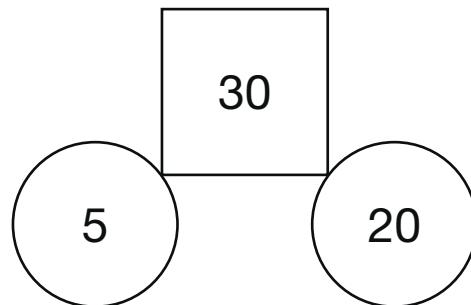


12

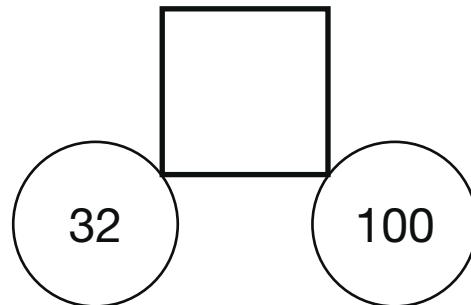
William says the rule for this diagram.

Find the difference between the numbers in the circles.

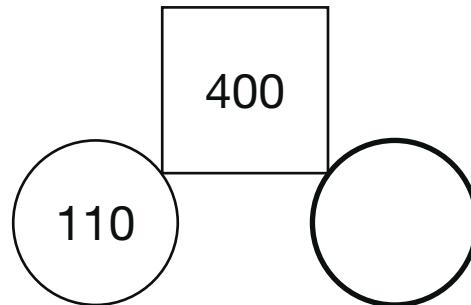
Double this to make the number in the square.



Use the same rule to write the missing numbers below.



1 mark



1 mark



13

Lara chooses a number less than 20

She divides it by 2 and then adds 6

She then divides this result by 3

Her answer is 4.5

What was the number she started with?

Show
your
method

A large rectangular grid divided into 20 columns and 10 rows of small squares, intended for working out the method. To the right of the grid is a smaller, empty rectangular box with a black border, likely for writing the final answer.

2 marks



13

A box contains 2.6 kg of washing powder.



Jack uses 65 grams of powder for each wash.

He uses all the powder.

How many washes did Jack do?

Show
your
method

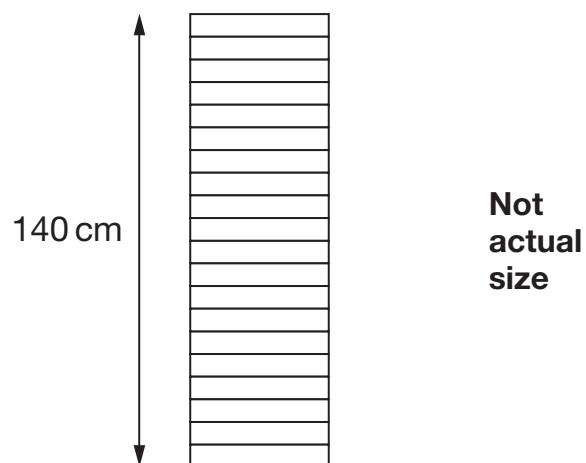
washes

2 marks



13

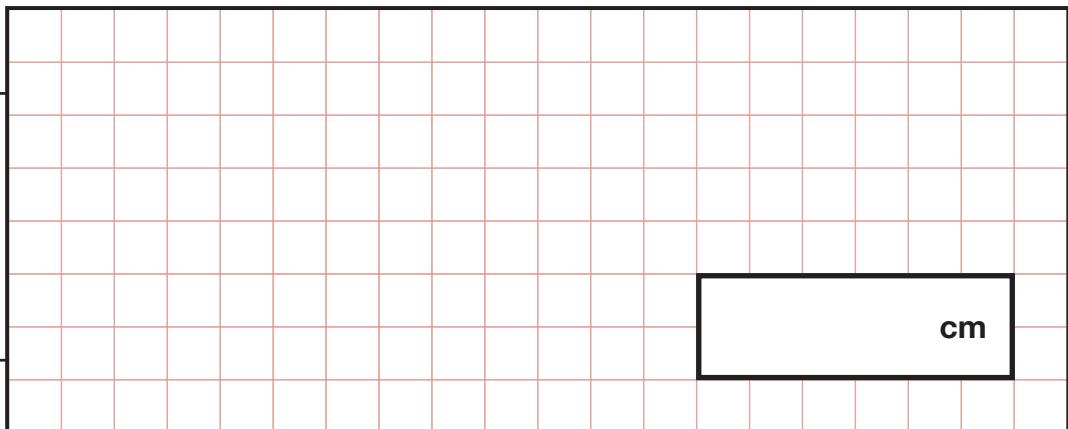
A stack of 20 identical boxes is 140 cm tall.



Stefan takes **three** boxes off the top.

How tall is the stack now?

Show
your
method



2 marks



13

Ally and Jack buy some stickers.



Pack of 12 stickers
£10.49



12 stickers
99p each

Ally buys a pack of 12 stickers for £10.49

Jack buys 12 single stickers for 99p each.

How much more does Jack pay than Ally?

Show
your
method

£

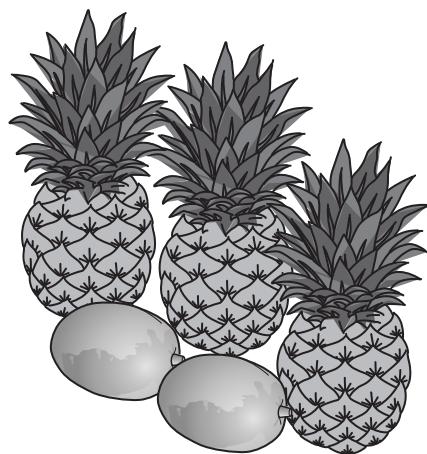
2 marks



14

3 pineapples cost the same as 2 mangoes.

One mango costs £1.35



How much does **one** pineapple cost?

Show
your
method

£

2 marks

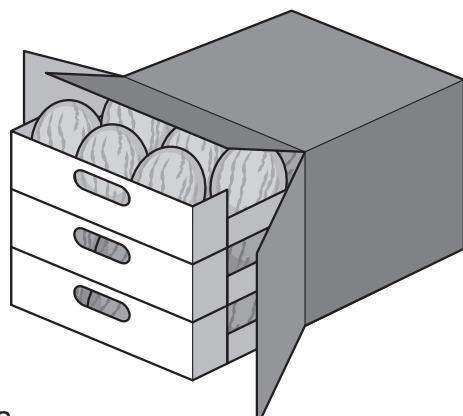


15

A box contains trays of melons.

There are 15 melons in a tray.

There are 3 trays in a box.



A supermarket sells **40** boxes of melons.

How many melons does the supermarket sell?

Show
your
method

melons

2 marks



16

Adam wants to use a mental method to calculate $182 - 97$

He starts from 182

Here are some methods that Adam could use.

Tick the methods that are **correct**.

add 3 then subtract 90

subtract 100 then add 3

subtract 7 then subtract 90

subtract 3 then subtract 100

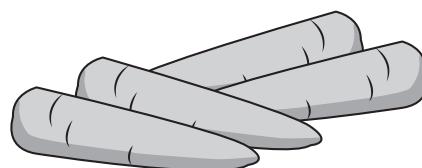
2 marks



16



potatoes
£1.50 per kg



carrots
£1.80 per kg

Jack buys $1\frac{1}{2}$ kg of potatoes and $\frac{1}{2}$ kg of carrots.

How much **change** does he get from £5?

Show
your
method

£

2 marks



16

Large pizzas cost £8.50 each.

Small pizzas cost £6.75 each.

Five children together buy one large pizza and three small pizzas.

They share the cost equally.

How much does each child pay?

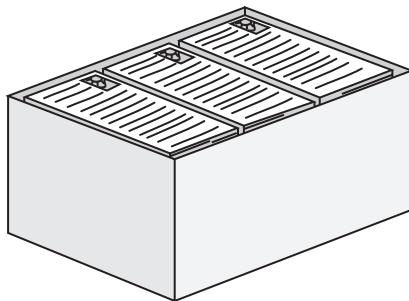
Show
your
method

£

2 marks



16



There are 2,400 leaflets in a box.

William and Ally take 450 leaflets each.

Adam and Chen share the rest of the leaflets equally.

How many leaflets does Adam get?

Show
your
method

A large rectangular grid for working out the answer, consisting of 12 columns and 16 rows. A smaller rectangular box is positioned in the bottom right corner of the grid area.

2 marks



16

Write the number that is five less than **ten million**.

1 mark

Write the number that is one hundred thousand less than **six million**.

1 mark



17

There are 28 pupils in a class.

The teacher has 8 litres of orange juice.

She pours 225 millilitres of orange juice
for every pupil.



How much orange juice is left over?

Show
your
method

3 marks

