

Calculations With Money - Questions

Key Stage 2: 2003 Paper A

1.

6

This table shows how many journeys a taxi driver made on five days and how much money he collected.

	number of journeys	money collected
Monday	23	£85
Tuesday	36	£112
Wednesday	18	£69
Thursday	31	£124
Friday	35	£109

How much money did he collect on the day that he made the most journeys?



6a

1 mark

2.

8

Each of these bags contains **£1.60**

Each bag contains only one type of coin.



Complete this table to show how many coins are in each bag.

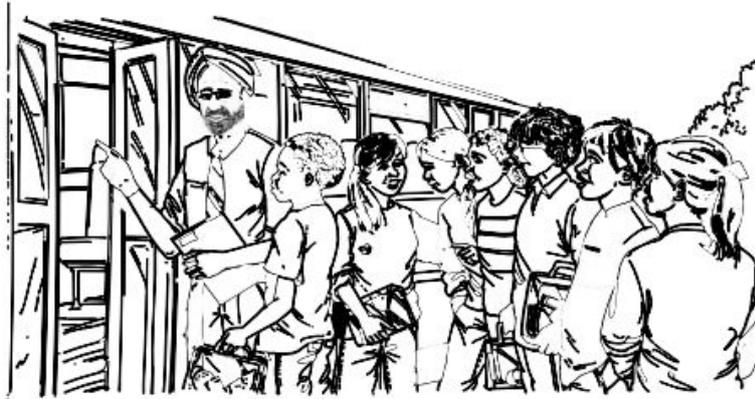
One has been done for you.



Type of coin	Number of coins
1p	160
10p	
20p	

3.

26



30 children are going on a trip.

It costs **£5** including lunch.

Some children take their own packed lunch.

They pay only **£3**

The 30 children pay a total of **£110**

How many children are taking their own packed lunch?

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

children

26i
26ii
2 marks

1.

9

These are the prices in a fish and chip shop.

Fish.....	£1.95
Chips small bag.....	55p
large bag.....	70p
Peas.....	38p

Luke has **£3**

He wants to buy one fish, peas and two large bags of chips.

How much **more** money does he need?

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

9i

9ii

2 marks

2.

21



Cheddar cheese costs £7.50 for 1kg.

Marie buys 200 grams of cheddar cheese.

How much does she pay?



Cream cheese costs £3.60 for 1kg.

Robbie buys a pot of cream cheese for 90p.



How many grams of cream cheese does he buy?



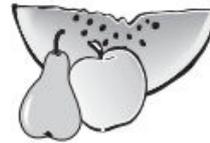
Show your **method**.
You may get a mark. 

21a
1 mark

21bi
 21bii
2 marks

1.

3



These are the prices of sandwiches, drinks and fruit.

Sandwiches	Drinks	Fruit
cheese £1.45	milk 55p	apple 15p
tuna £1.70	cola 45p	pear 20p
salad £1.20	juice 65p	melon 25p

Shereen buys a **tuna** sandwich, **milk** and a **pear**.

How much does she pay?



3a
1 mark

Mike has 80p to spend on a **fruit** and a **drink**.

What **two** things can he buy for exactly **80p**?



..... and

3b
1 mark

2.

10

A shop sells three types of sunglasses.

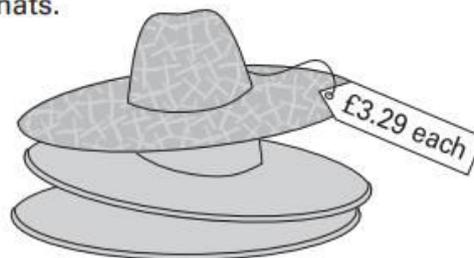


What is the **difference** in price between the **most expensive** and **least expensive** sunglasses?

 £

10a
1 mark

The shop also sells sun hats.



Ryan buys the **£4.69 sunglasses** and a **sun hat**.



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

10bi
10bii
2 marks

1.

9

Cinema tickets cost **£3.65** each.

Hannah buys **4 tickets**.



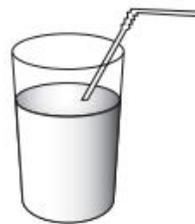
How much does Hannah pay?

 £

9a
1 mark



popcorn
£1.95



milkshake
£1.25

Nico buys a **box of popcorn** and **two milkshakes**.

How much does Nico spend **altogether**?



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

£

9bi
 9bii
2 marks

2.

13

Here are three supermarket bills.

bread	1.00
eggs	1.00
apples	1.00
bananas	1.00
oranges	1.00
potatoes	1.00
tomatoes	1.00
onions	1.00
garlic	1.00
herbs	1.00
total	10.00

TOTAL £74.68

bread	2.00
eggs	2.00
apples	2.00
bananas	2.00
oranges	2.00
potatoes	2.00
tomatoes	2.00
onions	2.00
garlic	2.00
herbs	2.00
total	20.00

TOTAL £65.90

bread	3.00
eggs	3.00
apples	3.00
bananas	3.00
oranges	3.00
potatoes	3.00
tomatoes	3.00
onions	3.00
garlic	3.00
herbs	3.00
total	30.00

TOTAL £59.05

Tom rounds each bill **to the nearest £10** and then adds them up.

What is the total amount that Tom gets?

 £

13a
1 mark

Mary adds up the three bills **exactly**.

What is the difference between her total and Tom's total?

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

13bi
 13bii
2 marks

1.

7

A shop sells candles.



plain candles
35p each



star candles
60p each



stripe candles
85p each

Sapna buys 4 star candles and 2 stripe candles.

How much does she pay **altogether**?

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

7a
7b
2 marks

Special offer
Buy 10 candles and get 50p off.

Josh buys **10** plain candles in the special offer.

How much does he pay for the 10 candles?

£

7b
1 mark

1.

1 Write these prices in order from smallest to largest.

99p

£10.50

£0.75

£9

£2.05



smallest

largest



1 mark

2.

4

These are the prices of coconuts and bananas.



coconuts
78p each



bananas
£1.20 for 1kg

Josh buys **one coconut** and **half a kilogram** of **bananas**.

How much does he spend altogether?

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

£



Oranges cost **25p** each.

How many oranges can Josh buy for **£1.50**?

4a
 4ai
2 marks

4b
1 mark

1.

6

These are the prices in a shoe shop.



boots
£45.50



sandals
£12.75



trainers
£34.99

How much **more** do the boots cost than the trainers?



£

6a.
1 mark

Rosie buys a pair of trainers and a pair of sandals.

How much change does she get from £50?



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

£

6b.
6c.
2 marks

2.

8

Forest School sells badges for charity.



For each badge sold, **£1.20** is given to a charity.

How much does the charity get when **12** badges are sold?



8a
1 mark

If the charity got **£24**, how many badges were sold?



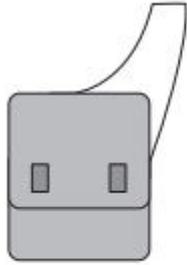
8b
1 mark

Key Stage 2: 2007 Paper A

1.

6

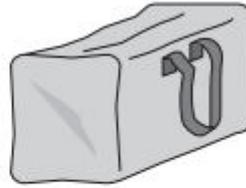
Here are three bags in a shop.



A
£11.50



B
£14.65



C
£16.50

How much does bag B cost to the nearest pound?

 £

0a
1 mark

Jamie buys bag A and bag C.

How much change does he get from £40?



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

£

0b
0b
2 marks

2.

9

A torch costs £7.65

Kate buys a torch and **two** batteries.

She pays £8.75 altogether.



How much does **one** battery cost?

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

— si
— si
2 marks

3.

18

A shop sells notebooks and pens.



Hassan bought **a notebook** and **a pen**.
He paid **£1.10**

Kate bought **a notebook** and **2 pens**.
She paid **£1.45**

Calculate the cost of **a notebook**.

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

18i

18ii

2 marks

Key Stage 2: 2007 Paper B

1.

7

Here are some amounts of money.

Circle **all** the amounts that can be made with **three** coins.



71p

72p

73p

74p

75p

 ⁷
1 mark

Key Stage 2: 2007 Paper B

2.

17

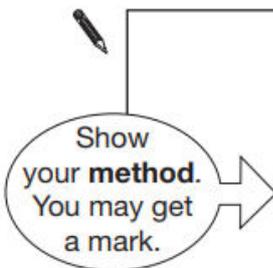


Kate and Jamie each have some money.

Altogether they have **£1.50**

Kate gives Jamie **10p** so that they both have the same amount.

How much money did each have at the start?



Kate had

p

Jamie had

p

 ¹⁷ⁱ
 ¹⁷ⁱⁱ
2 marks

3.

21



The cost for using a minibus is £1.36 for each kilometre.

8 friends go on a 114 kilometre journey.

They share the cost equally.

How much does each person pay?

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

£

21i

21ii

2 marks

1.

11

A shop sells scarves and hats.



Ben buys one of the scarves and the £4.50 hat.

How much change does he get from £20?

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

£

11a
11a
2 marks

Emily buys **two** scarves and a hat.

What is the **most** she could pay?

£

11b
1 mark

Key Stage 2: 2008 Paper B

1.

4



bottle of milk
39p



cake
29p

Ben buys **three** bottles of milk and **six** cakes.

How much does he spend altogether?

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

£

4i

4ii

2 marks

2.

7

Emily has these coins.



How much more money does Emily need to make exactly £5?

 £

7a
1 mark

Nisha has **thirty** 5p coins and **twenty** 10p coins.

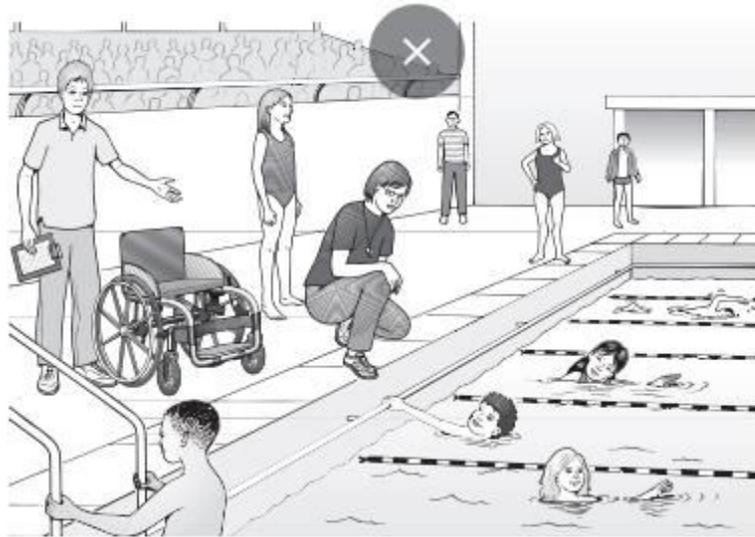
How much money does she have altogether?

 £

7b
1 mark

3.

16



Emily, Ben and Nisha take part in a sponsored swim to collect money for charity.

Emily collects £2.75 **more** than Nisha.

Ben collects £15

Nisha collects £7 **less** than Ben.

Altogether how much money do the three children collect?

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

£

16i
16ii
2 marks

4.

18

Small peaches
15p each



Large peaches
25p each



Emily has £5 to spend on peaches.

She decides to buy only small peaches or only large peaches.

How many **more** small peaches than large peaches
can she buy for £5?

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





18i

18ii

2 marks

Key Stage 2: 2009 Paper A

1.

11 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?



11a
1 mark

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. 

11b
11b
2 marks

1.

5

Here are five coins.



5
1 mark

Stefan takes two coins and Lara takes the other three coins.

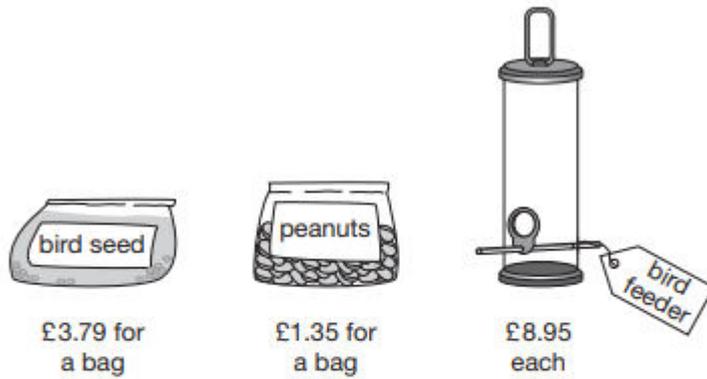
Stefan takes **15p more** than Lara.

Tick (✓) the two coins Stefan takes.

2.

10

A shop sells food for birds.



Lara has £10 to spend on peanuts.

How many bags of peanuts can she get for £10?



10a
1 mark

Amir has £20

He wants to buy a bird-feeder and 4 bags of bird seed.

How much **more** money does he need?



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

£

10bi
10bi
2 marks

1.

1

Write these prices in order, starting with the smallest.

72p

£2.70

£0.27

£7.20

£2.07



smallest

1
1 mark

2.

4 Liam, Sarah and Amy buy lunch at a salad bar.

salad bar			
Salads		Desserts	
cheese	£1.20	banana	25p
egg	90p	apple pie	50p
tuna	£1.60	yogurt	35p

Liam has £2.50 to spend.

He buys a tuna salad and an apple pie.

How much money has he got left?

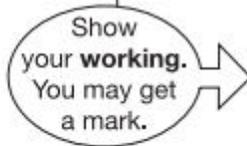
 p

4a
1 mark

Sarah buys a cheese salad and a yogurt.

Amy buys an egg salad.

How much **more** does Sarah pay than Amy?

4b
4bi
2 marks

3.

12



Big Wheel
£2.50
each ride

Rollercoaster
£1.50
each ride

Liam spends £14 altogether on the Big Wheel and the Rollercoaster.

He goes on the Big Wheel twice.

How many times does he go on the Rollercoaster?

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

120
120
2 marks

4.

15

An iced cake costs 10p more than a plain cake.

Sarah bought two of each cake.



They cost £1 altogether.

What is the cost of an **iced** cake?

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

p

15i
15i
2 marks

1.

6

These are some prices in a flower shop.



tulips
£1.20 for a bunch



roses
40p each



daffodils
55p for a bunch

How many roses can you buy for exactly £2?



5a

1 mark

Amy buys **one** bunch of tulips and **three** bunches of daffodils.

How much does she pay **altogether**?



6b

6bii

2 marks

1.

4

A farmer has £1200 to buy apple trees and pear trees.

Apple trees cost £24.75 each.

Pear trees cost £12.50 each.



He buys 35 apple trees.

How many pear trees can he buy with the money he has left?

 Show your method

(2 marks)

1.

4

Dev has five coins.

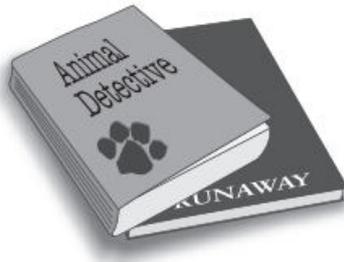
He has £1.60 altogether.

Write what the five coins could be.



2.

12



Dev and Joe each buy a book.

Dev pays with a £5 note and gets £1.05 change.

Joe's book costs £7

How much **more** does Joe's book cost than Dev's book?

Show your working

£

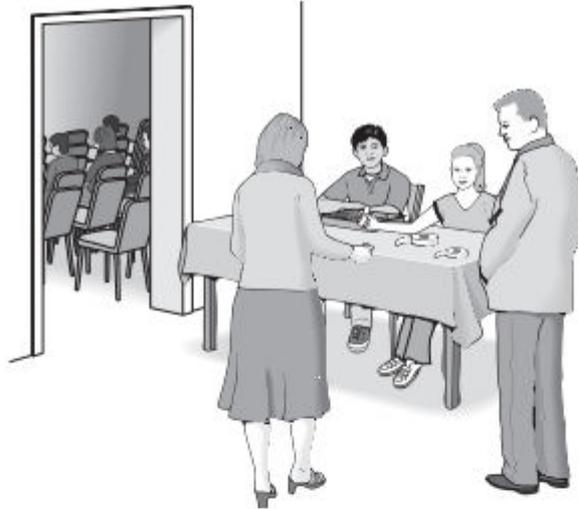
12i

12ii

2 marks

1.

6



Tickets for a school play cost £2.75 each.

Dev sold 23 tickets.

How much ticket money did Dev collect?

 £

5a
1 mark

Holly collected £77 altogether from selling tickets.

How many tickets did she sell?

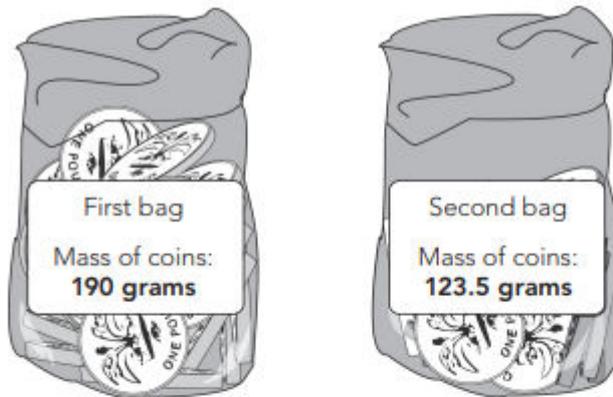


5b
1 mark

1.

5

Here are two plastic bags of £1 coins.



The **first** bag contains **20** £1 coins.

How many £1 coins does the **second** bag contain?

Show your method

(2 marks)

1.

12

These are the prices of cheese in a shop.



Cheddar cheese
82p for 100 grams

Edam cheese
66p for 100 grams

Cottage cheese
45p for 100 grams

Mina buys **200g** of Cheddar cheese and **150g** of Edam cheese.

How much does she pay altogether?

Show your working

£

12a
12a
2 marks

A large rectangular box for showing working. On the left side, there is a speech bubble containing the text "Show your working". On the right side, there is a smaller rectangular box containing the pound symbol (£) followed by a blank space for the answer. To the right of this box, there are three lines of text: "12a", "12a", and "2 marks".

Seb buys some cottage cheese for £1.35

How many grams of cottage cheese does he get?

g

12b
1 mark

A small rectangular box for the answer, containing a blank space followed by the letter "g". To the right of the box, there are two lines of text: "12b" and "1 mark".

1.

3

Mina and Seb share these coins so that they each have the **same** amount of money.



Mina chooses her coins first.

Seb takes the rest of the coins.

Which coins could Mina choose?



2.

22

A school buys some yo-yos as prizes.

The yo-yos cost £4.25 each.

The school has **£40** to spend on prizes.

They buy as many yo-yos as they can.



How much money is left?

Show
your
method

A large rectangular box for writing the answer and method. A small pencil icon is at the top left corner. A smaller rectangular box is located in the bottom right corner of the main box.

22i

22ii

2 marks

1.

10

A box of sticky labels costs £33.50

There are 150 sheets of labels in the box.

There are 14 labels on each sheet.



What is the cost of one label **to the nearest penny**?

Show
your
method

p

2 marks

1.

7

Megan and Chen are washing cars.

Megan gets £39 and Chen gets £55

They share what they get **equally** between them.

How much does each of them get?

Show your working

£

7i
7ii
2 marks

2.

8

The table shows the cost of a new football kit.

Item	Cost
Shirt	£8.75
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Altogether, how much does the complete football kit cost?

£

8
1 mark

3.

9

Here are some sentences about an amount of money.

Mark each sentence with a tick (✓) if it is correct.
Put a cross (✗) if it is not correct.

One has been done for you.

£1.03 can be made with exactly 1 coin.

 £1.03 can be made with exactly 2 coins.

£1.03 can be made with exactly 3 coins.

£1.03 can be made with exactly 4 coins.

9

1 mark

Key Stage 2: 2013 Paper A

4.

16

Alfie buys **two** books, each at the same price.

He pays with a £10 note and gets £2.30 change.



What is the cost of **one** book?

16i

16ii

2 marks

Show your working

£

A large rectangular box for showing working. On the left side, there is a callout box with a pencil icon and the text "Show your working". On the right side, there is a smaller rectangular box containing the pound symbol (£). To the right of the main box, there are two horizontal lines for marking, labeled "16i" and "16ii", and the text "2 marks" below them.

Key Stage 2: 2013 Paper B

1.

7

Books are 25p each at a car boot sale.

Alfie wants to buy 12 books.

He only has £2.35

How much **more** money does Alfie need?

7i

7ii

2 marks

Show your method

A large rectangular box for showing method. On the left side, there is a callout box with a pencil icon and the text "Show your method". On the right side, there is a smaller rectangular box. To the right of the main box, there are two horizontal lines for marking, labeled "7i" and "7ii", and the text "2 marks" below them.

2.

17

A shop sells jars of honey and honey dippers.



jar of honey



honey dipper

Chen bought **three** jars of honey and a dipper.

The total cost was £5.40

The dipper cost 75p.

How much did each jar of honey cost?

 Show your method

1
1
2 marks

1.

6

The cost to hire a boat on a lake is worked out using the information below.

Cost to hire a boat:
£4.50 per boat
and then
£3.50 per hour



- (a) Four friends hire a boat for five hours.

They share the cost equally.

How much does **each** person pay?

Show your method

£

2 marks

- (b) Chen's family hires a boat and pays a total of £15

How many hours did they have the boat for?

hours

1 mark

Key Stage 2: 2014 Paper A

1.

7

Liam buys **two** apples.

He pays with a £1 coin and gets 64p change.



How much does **one** apple cost?

 Show your working

7i
7ii
2 marks

Key Stage 2: 2014 Paper A

2.

13

Chen and Megan each buy a sandwich.

Chen gets 5p change from £2

Megan gets £2.25 change from £5

How much **more** does Megan pay than Chen?

 Show your working

13i
13ii
2 marks

1.

7

Megan has 7 coins that make one pound.

The coins are of **only two** different kinds.

What are the 7 coins?



--	--	--	--	--	--	--

7
1 mark

1.

2

(a) 1 kilogram of grapes costs £5.80

Megan buys 700 grams of grapes.

How much does she pay?



£

1 mark

(b) 1 kilogram of cheese costs £13.50

Megan buys a piece of cheese costing £2.49



What is the mass of the cheese to the **nearest 100 grams**?

Show your method

g

2 marks

1.

10

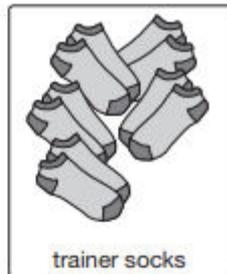
A shop sells pairs of socks.



1 pair for £5.45



3 pairs for £7.50



5 pairs for £8.50

Kirsty buys 1 pair of knee socks and 3 pairs of ankle socks.

She pays with a £20 note.

How much change does she get?

Show your working

10a
10a
2 marks

Amy spends £25.50 on trainer socks.

How many **pairs** of trainer socks does she get?

pairs

10b
1 mark

2.

16

Liam has five coins.

Three of the coins add up to **30p**.

Three of the coins add up to **40p**.

All five coins add up to **£1**

What are the coins that Liam has?



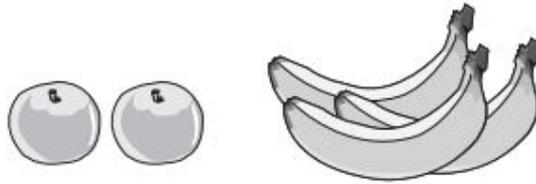
3.

24

A shop sells fruit.

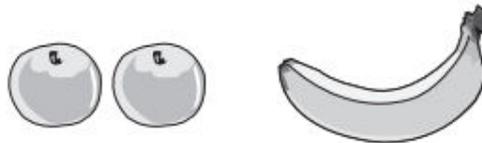
Chen buys 2 apples and 3 bananas.

He pays £2.35



Megan buys 2 apples and 1 banana.

She pays £1.25



How much does **one** banana cost?

Show
your
working

A large rectangular box with a pencil icon in the top left corner, intended for the student to show their working.A small rectangular box for the student to write the final answer.

24

24

2 marks

1.

3 These are some prices in a fish and chip shop.

Fish	£2.30	Peas	35p
Sausage	£1.80	Curry sauce	40p
Chips (small bag)	60p	Bread roll	30p
Chips (large bag)	90p	Pickled onion	28p

Alfie buys one fish, a large bag of chips and a pickled onion.

How much does he pay?

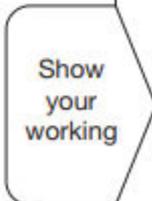
 £

3a
1 mark

Megan buys a sausage and a bread roll.

Chen buys a small bag of chips and a curry sauce.

How much **more** does Megan pay than Chen?

£

3b
2 marks

Key Stage 2: Paper 2 and 3 Reasoning - Sample

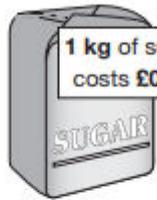
1.

8

One toffee apple needs:
1 stick,
100g of sugar,
1 apple.



50 sticks
cost £6.25



1 kg of sugar
costs £0.99



100 apples
cost £22.50

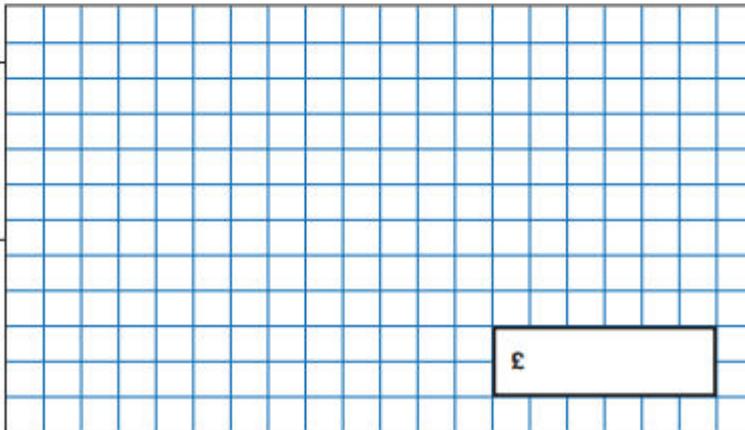
Children buy just enough sticks, sugar and apples to make
100 toffee apples.

They sell all 100 toffee apples for £1 each.

The profit goes to charity.

Work out how much money goes to charity.

Show
your
method



£

3 marks

Key Stage 2: 2016 Paper 2 Reasoning - Sample

2.

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

A large grid for showing the method to solve the problem. A small box on the right side of the grid contains the symbol '£'.

2 marks

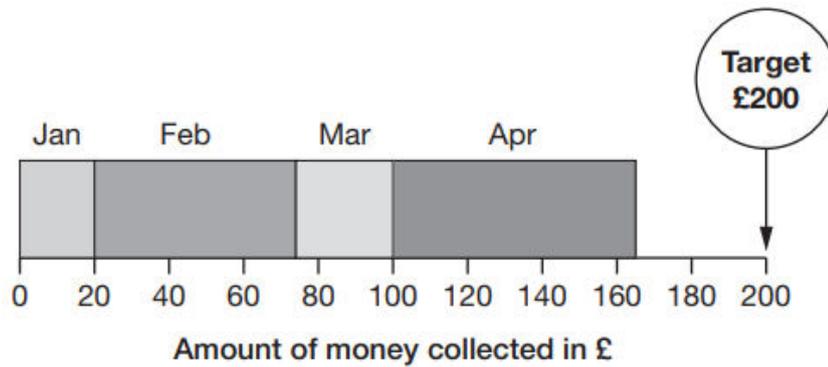
Key Stage 2: 2016 Paper 3 Reasoning - Sample

1.

4

A school plans to collect £200 between January and May.

This chart shows how much they collected by the end of April.



Write the name of **each** month where they collected more than £50

1 mark

How much money did they collect in February and March **altogether**?

£

1 mark

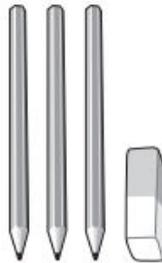
1.

9

6 pencils cost **£1.68**

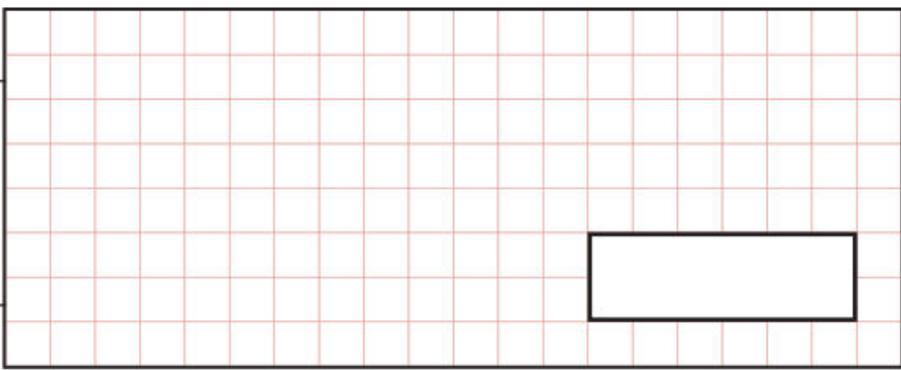


3 pencils and 1 rubber cost **£1.09**



What is the cost of **1 rubber**?

Show your method



2 marks

2.

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

£

3 marks

1.

8

Olivia buys three packets of nuts.



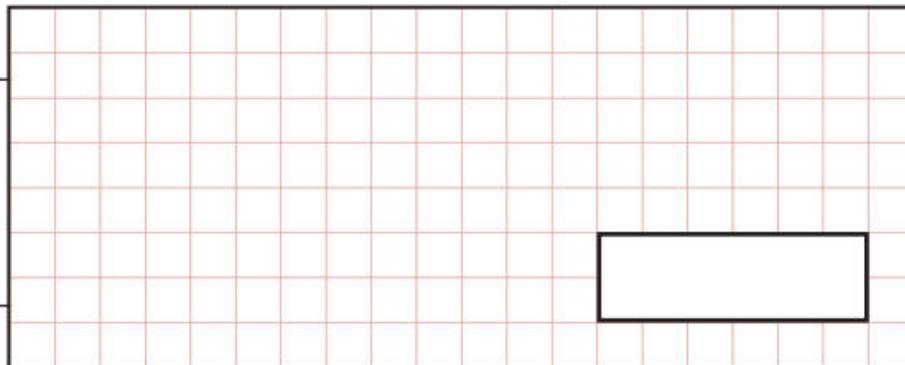
She pays with a £2 coin.

This is her change.



What is the cost of **one** packet of nuts?

Show
your
method



2 marks

2.

20

Lara had some money.

She spent £1.25 on a drink.

She spent £1.60 on a sandwich.

She has **three-quarters** of her money left.

How much money did Lara have to **start with**?

Show
your
method

£

2 marks

Key Stage 2: 2017 Paper 2 Reasoning

2.

19

Amina posts three large letters.

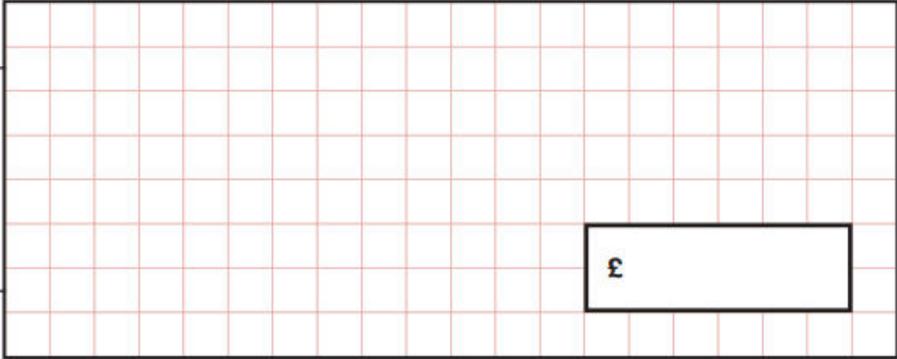
The postage costs the same for each letter.

She pays with a £20 note.

Her change is £14.96

What is the cost of posting **one** letter?

Show your method



£

2 marks

Key Stage 2: 2017 Paper 3 Reasoning

1.

2

A group of friends earns £80 by washing cars.

They share the money **equally**.

They get £16 each.

How many friends are in the group?

1 mark

Key Stage 2: 2017 Paper 3 Reasoning

2.

5

The children at Farmfield School are collecting money for charity.

Their target is to collect £360

So far they have collected £57.73

How much **more** money do they need to reach their target?

£

1 mark

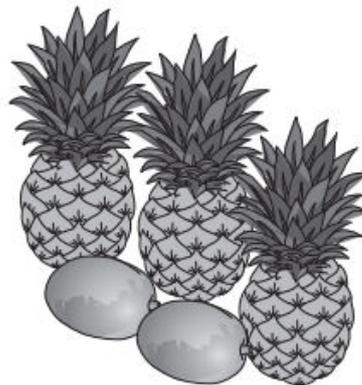
Key Stage 2: 2017 Paper 3 Reasoning

3.

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

1.

11

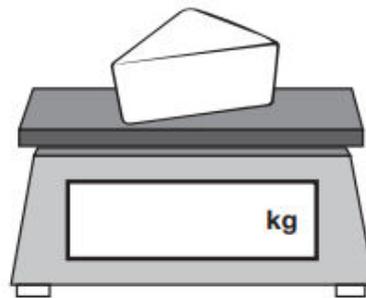
Amina is shopping.

She says,



I would like to buy **one-quarter** of a kilogram of cheese.

Write one-quarter on the scales as a decimal.



1 mark

The cheese costs £1.35

Amina pays with a £2 coin.

How much change should Amina get?

1 mark

Key Stage 2: 2019 Paper 3 Reasoning

1.

1

The **original** price of this car is £8,999

Sale
£1,100 off



What is the **sale** price of the car?

£

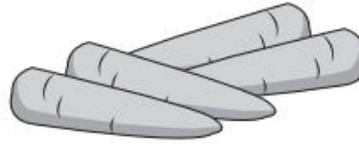
1 mark

2.

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

	<div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto; display: flex; align-items: center; justify-content: center;">£</div>
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2 marks