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

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

£

1 mark

2 John buys one toy car and one pack of stickers.

£1.49

£1.64

He pays with a **£10** note.

How much change does John get?

Show your method

£

2 marks

3 The numbers in this sequence increase by the same amount each time.

Write the missing numbers.

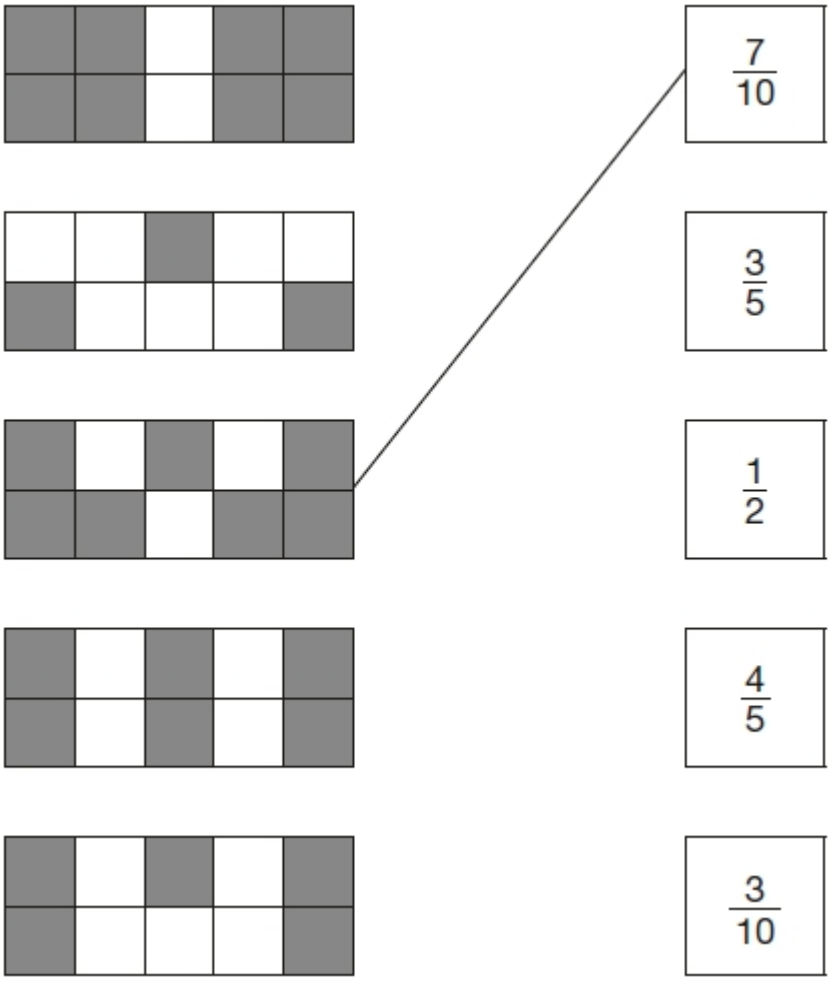
2 marks

4 Here are some shapes made of squares.

A fraction of each shape is shaded.

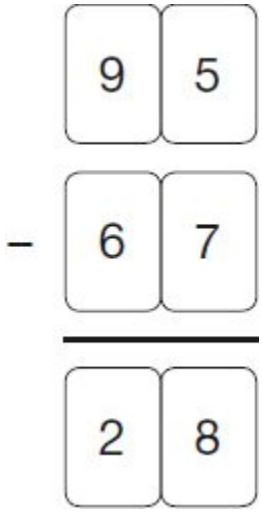
Match each shape to its equivalent fraction.

One has been done for you.

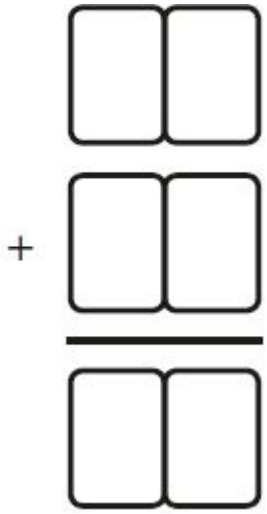


2 marks

5 Stefan completes this calculation.



Write an **addition** calculation he could use to check his answer.



1 mark

6 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

7 Write the two missing values to make these equivalent fractions correct.

$$\frac{\square}{3} = \frac{8}{12} = \frac{4}{\square}$$

2 marks

8 Joe has a box of 72 chocolates.

He gives 18 of the chocolates to his friends.

How many chocolates are left in the box?

1 mark

Holly has a box of mints.

She has 10 friends.

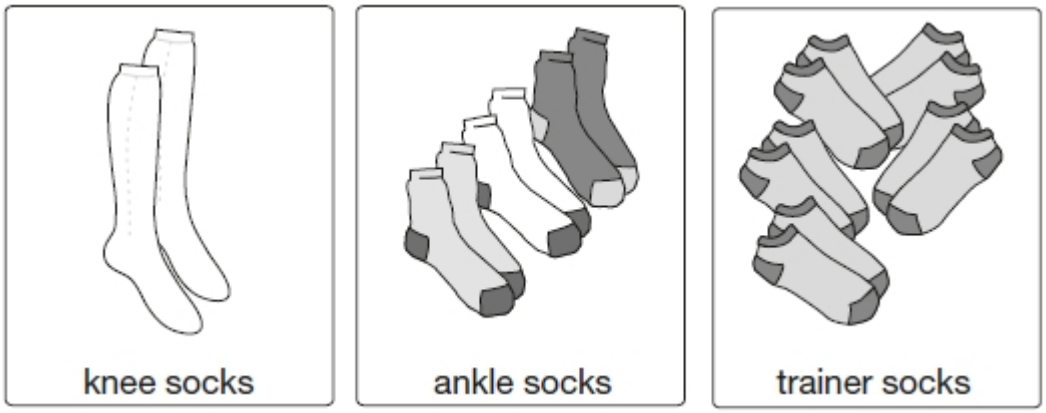
She gives them 5 mints each.

She has 13 mints left.

How many mints were in the box at the start?

1 mark

9 A shop sells pairs of socks.

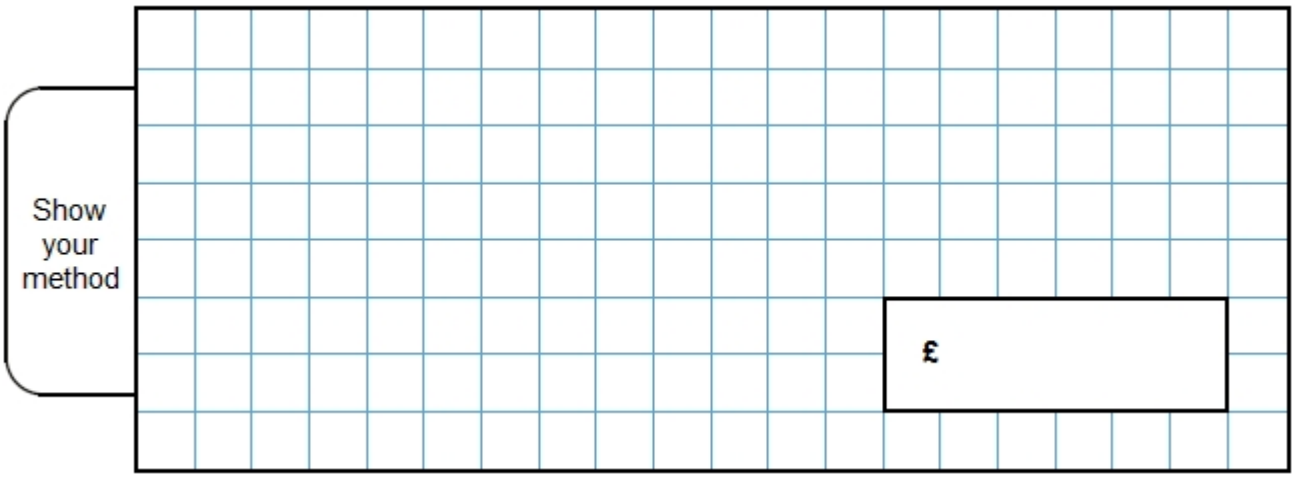


1 pair for £5.45 **3 pairs** for £7.50 **5 pairs** for £8. 50

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

She pays with a £20 note.

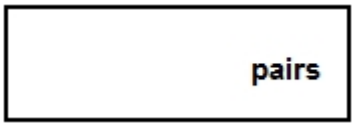
How much change does she get?



2 marks

Amy spends £25.50 on trainer socks.

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



1 mark

10 This table shows the increase in bus fares.

1st January	
old fare	**new fare**
42p	48p
52p	57p
60p	72p
75p	85p
90p	£1.05
£1.20	£1.28

Sohan's **new** bus fare is **72p**.

How much has his bus fare gone up?

p

1 mark

Millie says,

'My bus fare has gone up by 10p'.

How much is Millie's new bus fare?

1 mark

11

Chris saves **50p** coins.

He has saved **45** of them.

How much money has Chris saved?

1 mark

Michelle has saved **£8.40** in **20p** coins.

How many **20p coins** does Michelle have?

Show your method

2 mark

12

£3 + 3p + 4p = £

1 mark

13 Chen has **£9.10**

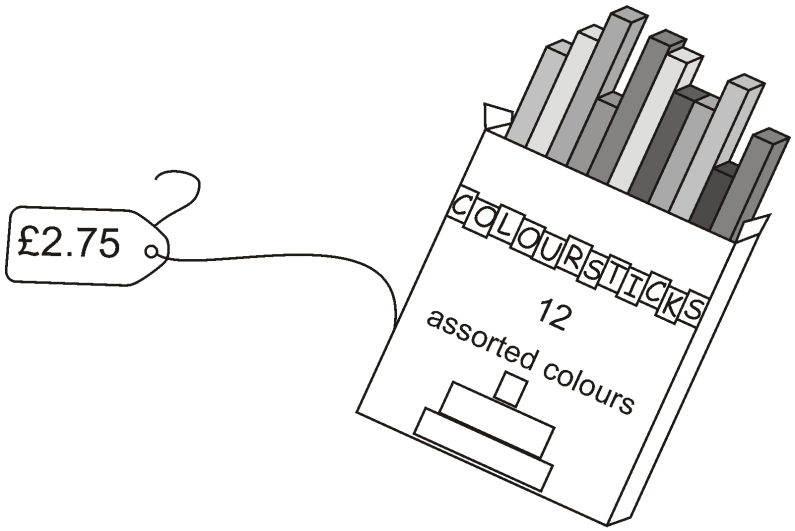
He wants to buy a game which costs **£11.50**

How much **more** does he need to save?

£

1 mark

14 Pam has £1.37



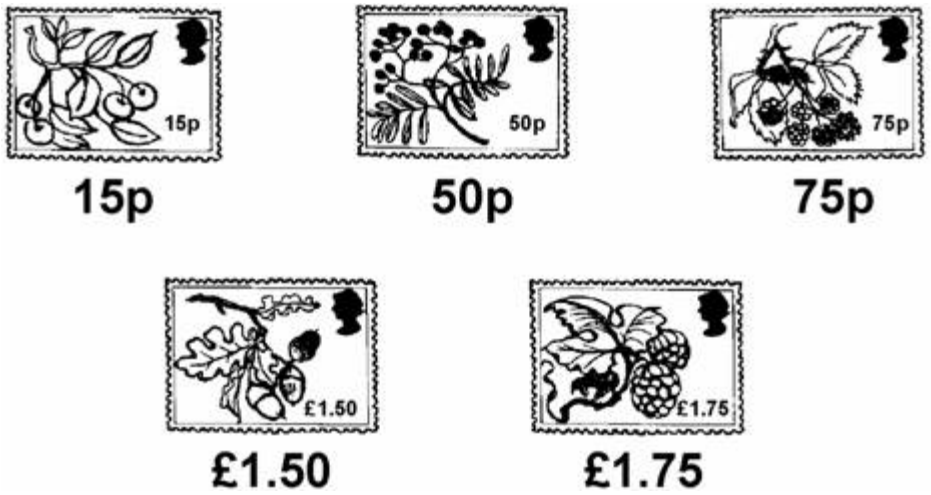
She wants to buy a box of crayons which cost £2.75

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

£

1 mark

15 Here is a set of stamps.



David posts a parcel.

It costs **£1.90**

He uses two of these stamps.

Which **two** stamps does he use?

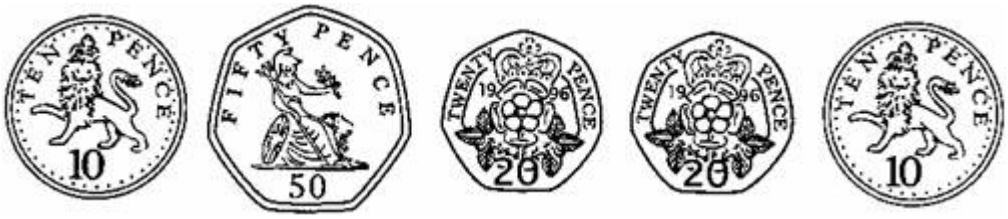
and

1 mark

16 Lewis makes a call from a telephone box.

He has **£2** in coins.

He uses these five coins to make the call.



How much money has he got **left from the £2**?

1 mark

17

£5.40 | £0.65 | 72p | £10 | £2.88

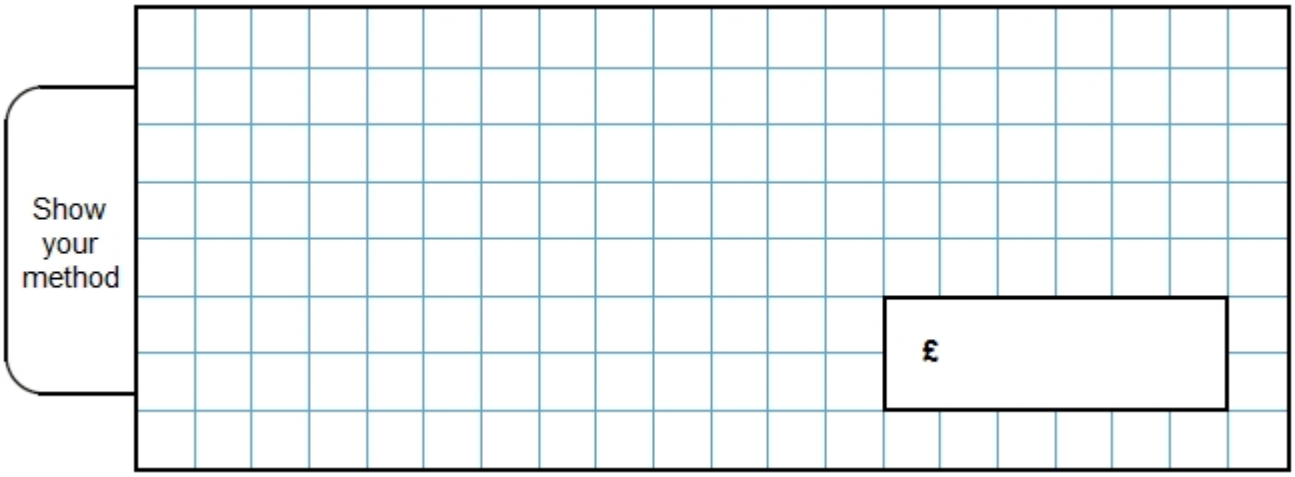
Write these amounts of money in **order of size**, starting with the **smallest** amount.

smallest

1 mark

18 Ben saved **twenty-four** 10p coins and **ten** 20p coins.

How much money has Ben saved?



2 marks

19 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

20 Josie has these coins.

Circle **all** the amounts she can make using **only two** coins each time.

61p 52p 20p £1.05 80p

1 mark

21 Parveen buys 3 small bags of peanuts.

She gives the shopkeeper £2 and gets 80p change.

What is the cost in pence of one bag of peanuts?

Show your method

g

2 mark

22 Annie has a £2 coin.

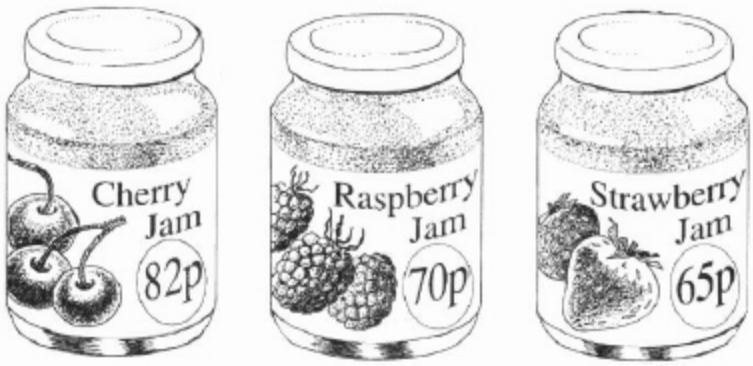
Sam has these coins.

How much **more** money does Annie have?

p

1 mark

23 Emma buys these three jars of jam.



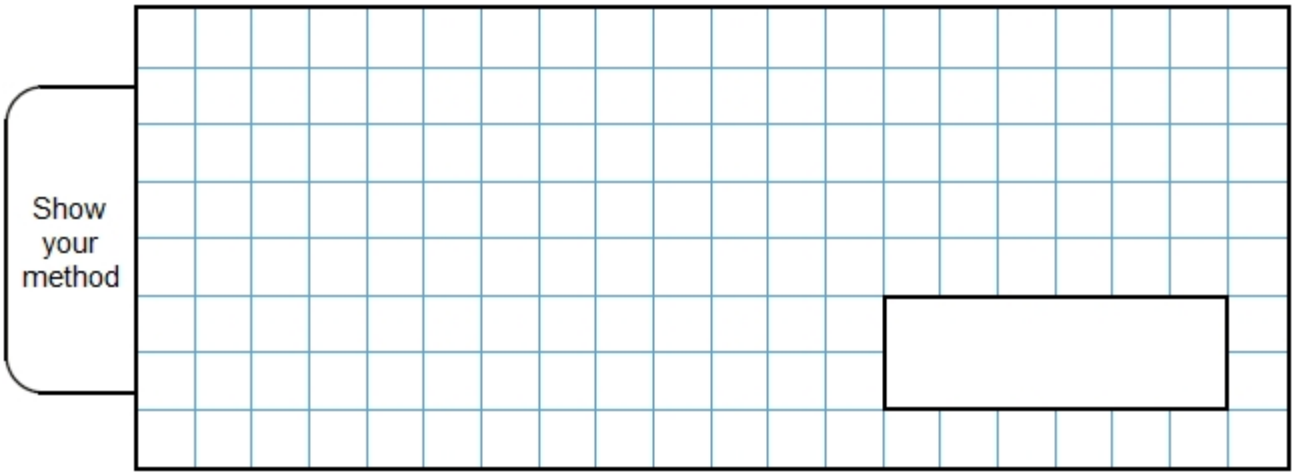
What is the **total** cost of the **three jars**?

1 mark

Jack buys one jar of cherry jam for 82p.

He pays with a **£5** note.

How much **change** does he get?



2 marks

24 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

2 marks

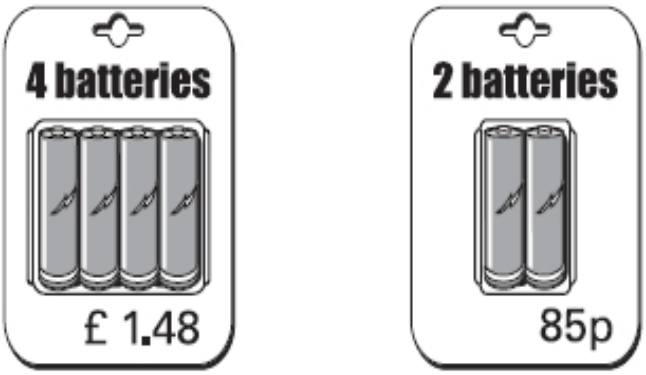
25 It costs Ben **£4.16** to post **two** parcels.

One parcel costs **£3.32** to post.

How much does the **other** parcel cost to post?

1 mark

26 A shop sells batteries in **packs of four** and **packs of two.**



Simon and Nick want two batteries each.

They buy a **pack of four** and share the cost equally.

How much does each pay?

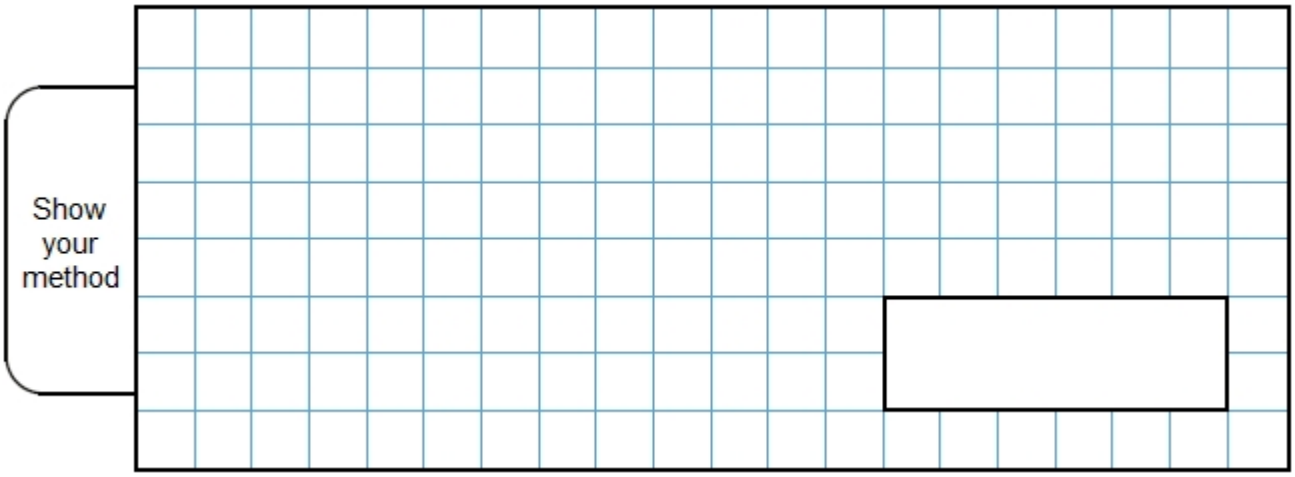
Show your method

2 mark

Mary buys **2 packs of two** batteries.

Hamid buys **1 pack of four**.

How much **more** does Mary pay than Hamid?



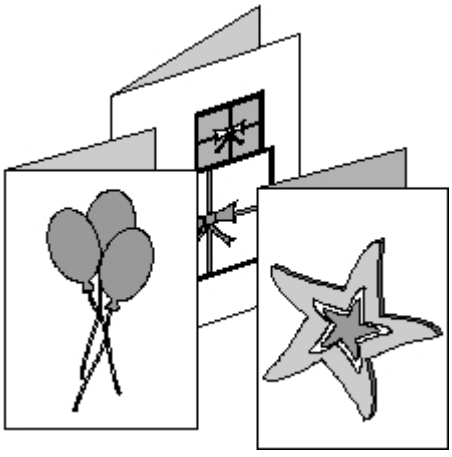
2 mark

27 A shop sells greetings cards.

Each card has a price code on it.

These are the codes.

code	price
AA	75p
BB	£1.15
CC	£1.55
DD	£1.70
EE	£1.99



Tina buys two cards.

One card has code **AA** on it.
The other card has code **DD** on it.

How much does Tina pay?

£

1 mark

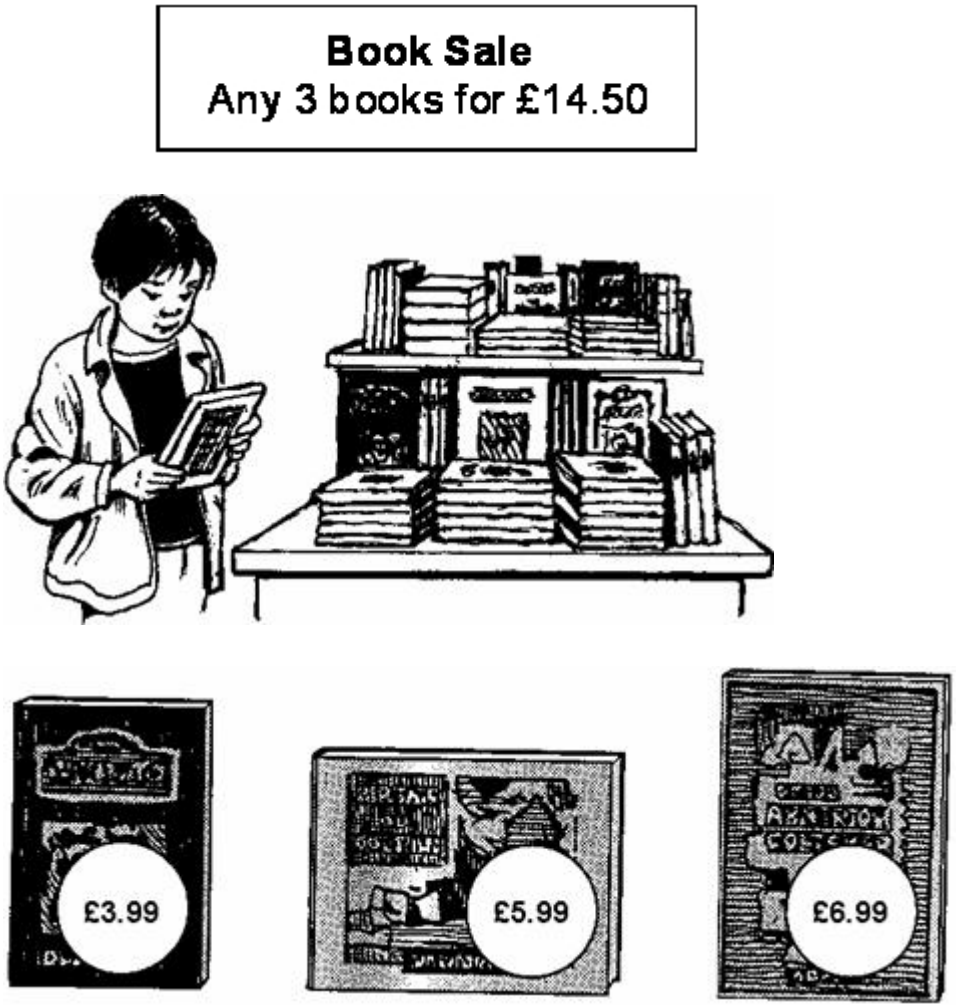
Omar buys a card. He pays with a £2 coin.

He gets 45p change.

What is the **code** on his card?

1 mark

28



Lee bought **these three** books in the sale for **£14.50**

How much money did he save altogether compared to the **full price** of the books?

Show your method

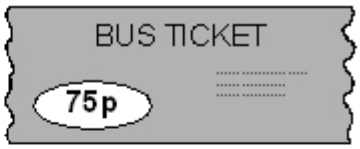
£

2 marks

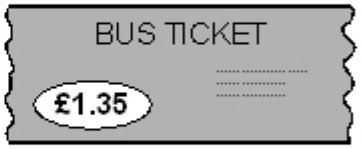
29 Asif, Vicky and Nita go to town by bus.

This is what they pay.

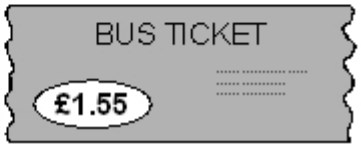
Asif



Vicky



Nita



How much **more** does **Nita** pay than **Asif**?

1 mark

Vicky then takes **another** bus from town to visit her auntie.

She pays **90p** on this bus.

How much has Vicky paid **altogether** for her two bus tickets?

1 mark

30 A shop sells flowers.

Daffodils
99p for a bunch

Roses
40p each

John buys 3 bunches of daffodils.

How much does he pay altogether?

1 mark

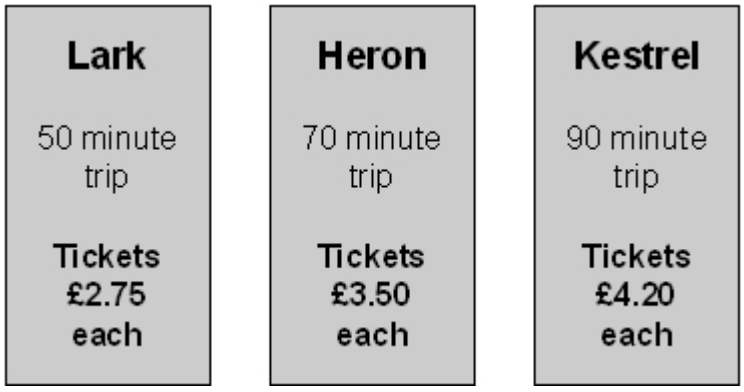
Karpal has **£4.00** to spend on **roses**.

How many **roses** can she buy for **£4.00**?

1 mark

31 Tom, Amy and Helen want to go on a boat trip.

There are three boats.



How much does it cost altogether for **three** people to go on the **Lark**?

£

1 mark

Tom and Amy go on the **Heron**.

They leave at **2:15pm**.

At what **time** do they return?

pm

1 mark

Helen goes on the **Kestrel** and **gets back at 4:15pm**.

At what **time** did the boat leave?

pm

1 mark

32 John and Paula go to a fair.

Galaxy **£1.50** per ride	Lazer **90p** per ride	Big Wheel **£1.20** per ride	Spaceship **75p** per ride

John has **£2**
He goes on **one ride** and has **exactly 80p** left.

Which **ride** does he go on?

He goes on the _____

1 mark

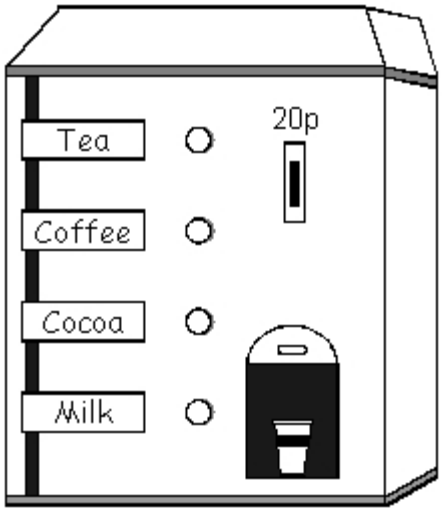
Paula has a **50p coin** and **three 20p coins**.
She pays for a ride on the **Laser**.

How much money is **left**?

Show your method

2 marks

33 This machine only takes 20p coins.



The coins inside totalled £9.80

How many 20p coins were there?

1 mark

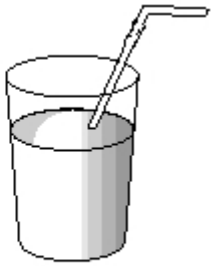
34 Cinema tickets cost **£3.65** each.

Hannah buys **4 tickets**.

How much does Hannah pay?

£

1 mark



Nico buys a box of popcorn and two milkshakes.

How much does Nico spend **altogether**?

Show your method

2 marks

35 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?

p p p p p

1 mark

Mark schemes

1 £7,899

[1]

2 Award **TWO** marks for the correct answer of £6.87

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- £1.49 + £1.64 = £3.13
- £10 − £3.13 =

OR

- £10 − £1.49 = £8.51
- £8.51 − £1.64 =

OR

- £10 − 164p − 149p =

*Answer need not be obtained for the award of **ONE** mark.*

*Accept for **ONE** mark an answer of £687 **OR** £687p as evidence of an appropriate method.*

Up to 2 marks

[2]

3 Award **TWO** marks for three correct numbers, as shown:

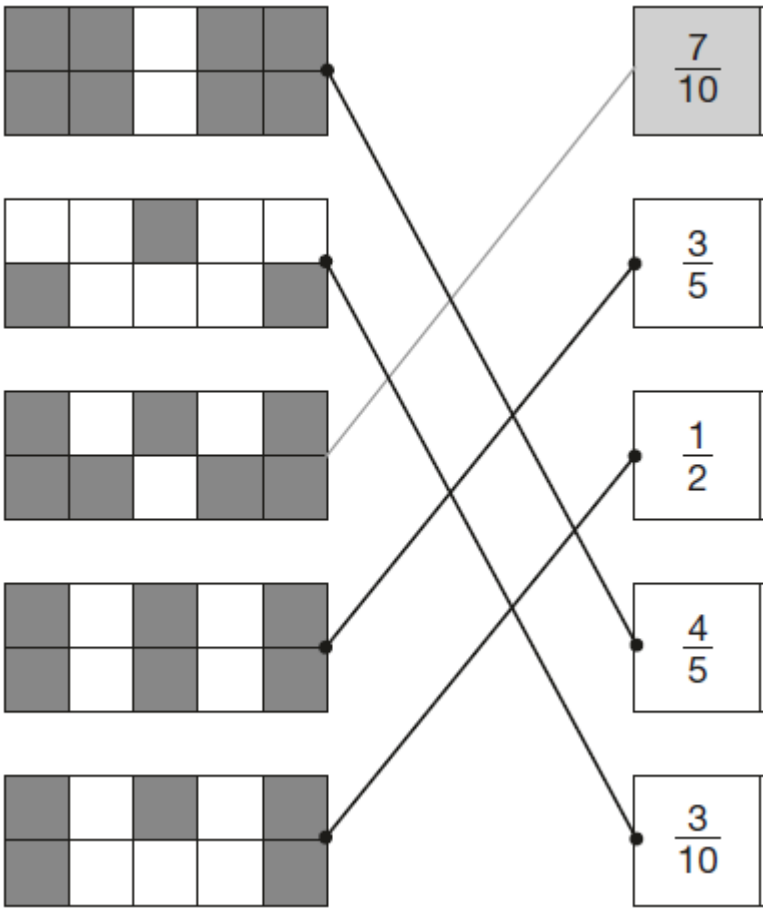
35	42	49	**56**	63	**70**

Award **ONE** mark for two numbers correctly placed.

Up to 2m

[2]

4 Award **TWO** marks for four shapes matched correctly as shown:



If the answer is incorrect, award **ONE** mark for three shapes matched correctly.

Lines need not touch shapes or fraction boxes, provided the intention is clear.

Do not *credit any shape that has been matched to more than one fraction.*

Up to 2

[2]

5 Correct addition calculation, as shown:

$$\begin{array}{r} 2\,8 \\ +\ 6\,7 \\ \hline 9\,5 \end{array}$$

OR

$$\begin{array}{r} 6\,7 \\ +\ 2\,8 \\ \hline 9\,5 \end{array}$$

*All 6 digit cards must be completed correctly for the award of **ONE** mark.*

[1]

6 £ 302.27

[1]

7 $\frac{\boxed{2}}{3} = \frac{8}{12} = \frac{4}{\boxed{6}}$

[2]

8 (a) 54

1

(b) 63

1

[2]

9 (a) Award **TWO** marks for the correct answer of £7.05

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg:

- £20 - £5.45 - £7.50 = wrong answer

OR

- £5.45 + £7.50 = £12.95

  £20 - £12.95 = wrong answer

  *Accept for **ONE** mark £705 OR £705p as evidence of appropriate working.*

  *Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2

(b) 15

1

[3]

10 (a) 12p

Accept 12 if written outside the answer box.

1

(b) 85p **OR** £0.85

*Accept 85 **OR** 0.85 **OR** .85 **OR** £0.85p*

*OR £.85 **OR** £.85p **OR** £0 85*

***Do not** accept £85p **OR** 0.85p **OR** £85*

1

[2]

11 (a) £22.50 **OR** 2250p

*Accept £22.50p **OR** 22.50 **OR** 2250 **OR** 22 50.*
***Do not** accept £2250 **OR** 22.50p **OR** £22.5.*

1

(b) Award **TWO** marks for the correct answer of 42

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, eg

840 ÷ 20 **OR** 8.4 ÷ 0.2

*Accept for **ONE** mark, £42 **OR** 42p as evidence of an appropriate method.*

Answer need not be obtained for the award of the mark.

No method mark is awarded for 8.40 ÷ 20 alone.

Up to 2

[3]

12 £3.07

[1]

13 £2.40

*Accept £2.40p **OR** £2 40*

***Do not** accept £240 **OR** £240p **OR** £2.4*

[1]

14 £1.38

Accept also £1 38, (with clear space between 1 and 3) or £1.38p.

[1]

15 £1.75 **AND** 15p

OR circling of correct stamps

Both answers must be correct.

Accept answers in any order.

Accept answers without units.

Accept 'first' and 'last', or any unambiguous indication of the correct stamps.

[1]

16 90p **OR** £0.90

*Accept 90 **OR** 0.90 **OR** £.90 **OR** £.90p **OR** .90 **OR** £0.90p **OR** £0 90*

***Do not** accept £0.9 **OR** £90p **OR** 0.90p **OR** £90*

[1]

17 **£0.65 72p £2.88 £5.40 £10**

Accept answers with missing or incorrect units.

Accept a misread of the amounts provided this does not alter the correct order intended by the question.

Accept the reverse order of the amounts.

[1]

18 Award **TWO** marks for the correct answer of £4.40

*Accept £4.40p **OR** £4 40*

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

10p × 24 = £2.40
20p × 10 = £2.00
£2.40 + £2.00 = wrong answer

*An answer must be given for the award of **ONE** mark.*

OR

award **ONE** mark for £440 **OR** £440p **OR** £4.4 as evidence of appropriate working which involves a complete and correct method.

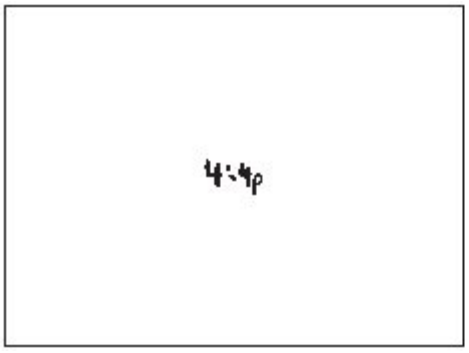
Up to 2

[2]

Examples of responses

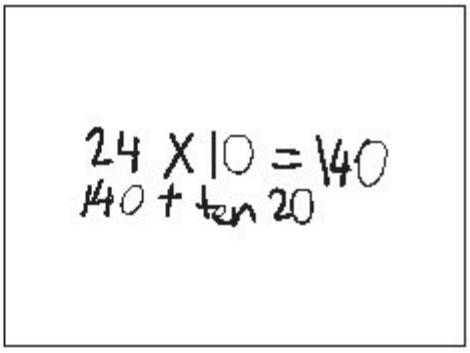
Peter has shown no working and has made an error with the notation of the units since he has omitted the 0 from £4.40. However, his answer of 4:4p can be accepted as evidence that he used a complete and correct method. He can be awarded the mark. Lucy has attempted to work out the value of the 10p coins using a correct method although she has incorrectly calculated this as 140p rather than 240p. She has also shown evidence that she intended to add ten 20p coins to this value. However, her method is not complete since she has not recorded an answer. She cannot be awarded the mark.

Peter



1 mark

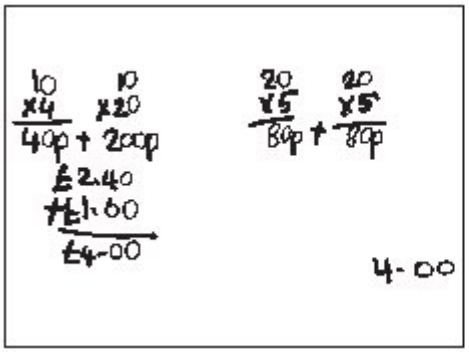
Lucy



0 marks

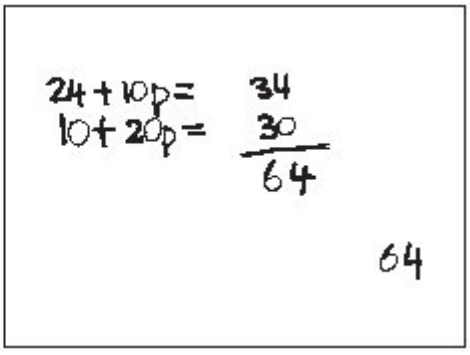
Freddie has clearly shown an appropriate method for calculating the value of the 10p coins, the 20p coins and their total value. Although he made an error in calculating the value of the 20p coins, his understanding of the problem is evident and his method is complete and correct. He can be awarded the mark. Stella's method, unlike Freddie's, is not correct since she has chosen an inappropriate operation, ie addition rather than multiplication, to calculate the value of each set of coins. Stella cannot be awarded the mark.

Freddie



1 mark

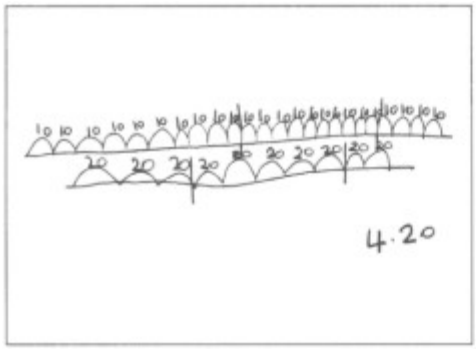
Stella



0 marks

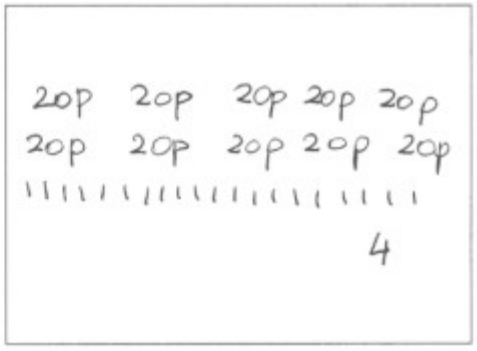
Surjit has drawn number lines to represent the 10p coins and the 20p coins. To find the total amount, she has subdivided the number lines into blocks representing £1 but made an error in her final calculation. Her method shows each step taken and her method is complete and correct. Surjit can be awarded the mark. Julian too has used a counting on method. He has shown the correct number of 20p coins, then has shown 20 tally marks, which we can assume represent 10p coins. We can also assume from his answer that he has totalled the amounts. Julian's method is correct, but it is not complete since his tally has not represented the correct number of 10p coins. Julian cannot be awarded the mark.

Surjit



1 mark

Julian



0 marks

19 5

[1]

20 52p and £1.05 indicated

Both correct for 1 mark.

[1]

21 Award **TWO** marks for the correct answer of 40p

Accept £0.40p

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg
£0.4
(200 – 80) ÷3 = wrong answer
£2 – 80 ÷ 3 = wrong answer

*Calculation must be performed for the award of **ONE** mark.*

up to 2

[2]

22 55p

[1]

23 (a) £2.17 **OR** 217p

Accept any clear indication of the distinction between pounds and pence.

Accept 2.17 ***OR*** *£2.17p* ***OR*** *£2 17* ***OR*** *£2 17p* ***OR*** *2-17*

Accept 217

Do not *accept incorrect answers, eg*
£217 ***OR*** *2.17p* ***OR*** *£217p*

1

(b) Award **TWO** marks for the correct answer of £4.18 **OR** 418p.

If the answer is incorrect, award **ONE** mark for an appropriate calculation such as:

- 5.00 – 0.82 = incorrect answer.

Accept any clear indication of the distinction between pounds and pence.

Accept 4.18 ***OR*** *£4.18p* ***OR*** *£4 18* ***OR*** *£4 18p* ***OR*** *4-18*
Accept 418

Incorrect answers include £418 ***OR*** *4.18p* ***OR*** *£418p*

Up to 2

[3]

24 Award **TWO** marks for the correct answer of 73p **OR** £0.73

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg

- 195 + 38 + (70 × 2) = 373
- 373 – 300

Accept for ***ONE*** *mark £73p* ***OR*** *0.73p* ***OR*** *£73 as evidence of appropriate method.*

Answer need not be obtained for the award of *ONE* ***mark.***

Up to 2

[2]

25 84p **OR** £0.84

Accept £0 84 ***OR*** *£0.84p* ***OR*** *0.84* ***OR*** *84* ***OR*** *£.84* ***OR*** *£.84p* ***OR*** *.84* ***OR*** *0 84*

Do not *accept 0.84p* ***OR*** *£084p* ***OR*** *£84* ***OR*** *£84p*

[1]

26 (a) Award **TWO** marks for the correct answer of 74p **OR** £0.74

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

148 ÷ 2 = wrong answer

*Accept for **TWO** marks 74 **OR** 0.74 **OR** £0. 74p **OR** .74 **OR** £.74 **OR** £.74p*

*Accept for **ONE** mark £74p **OR** 0.74p as evidence of appropriate working.*

*Calculation must be performed for the award of **ONE** mark.*

Up to 2

(b) Award **TWO** marks for the correct answer of 22p **OR** £0.22

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

2 × 85 – 148 = wrong answer

*Accept for **TWO** marks 22 **OR** 0.22 **OR** £0.22 **OR** .22 **OR** £.22 **OR** £.22p*

*Accept for **ONE** mark £22p **OR** 0.22p **OR** £22 as evidence of appropriate working.*

*Calculation must be performed for the award of **ONE** mark.*

Up to 2

[4]

27 (a) £2.45

*Accept £2.45p **OR** £2 45*

***Do not** accept £245 **OR** £245p*

1

(b) CC

Accept 'C'.

***Do not** accept £1.55*

1

[2]

28 Award **TWO** marks for the correct answer of £2.47

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg (4 + 6 + 7) –14.50 = 2.50
250 – 3 = wrong answer

*Accept for **TWO** marks £2.47p **OR** £2 47*

*Accept for **ONE** mark £247p **OR** £247 **OR** 2470 **OR** 24.7 as evidence of appropriate working.*

*Calculation must be performed for the award of **ONE** mark.*

Up to 2

[2]

29 (a) 80p **OR** £0.80

*Accept £0.80p **OR** 0.80 **OR** 80 **OR** £.80 **OR** £.80p **OR** £0 80 **OR** .80 **OR** 0 80*

***Do not** accept £80p **OR** £80 **OR** £0.8 **OR** 0.80p*

1

(b) £2.25 **OR** 225p

*Accept £2.25p **OR** 2.25 **OR** 225 **OR** £2 25*

***Do not** accept £225p **OR** £225*

1

[2]

30 (a) £2.97

*Accept £2.97p **OR** £2 97 **OR** 297p **OR** £2 97p **OR** 2.97 **OR** 297*
***Do not accept** £297p **OR** £297 **OR** 2.97p*

1

(b) 10

***No** mark is awarded if any units are shown, eg 10p*

1

[2]

31 (a) £8.25

*Accept £8.25p **OR** £8.25 **OR** £8.25p*
***Do not** accept £825p **OR** £825*

1

(b) 3:25

*Accept 3.25 **OR** 3-25 **OR** 3 25 **OR** 325*
***OR** twenty-five past three **OR** 15:25*

1

(c) 2:45

*Accept 2.45 **OR** 2-45 **OR** 2 45 **OR** 245*
***OR** quarter to three **OR** 14:45*

1

[3]

32 (a) Big Wheel

Accept misspelling provided it is recognisable.

Accept any other unambiguous indication such as mark on the diagram or price, eg:

- ***£1.20***
- ***120***

1

(b) Award **TWO** marks for the correct answer of 20p

If answer incorrect award **ONE** mark for an appropriate calculation such as:

- 20 + 20 + 20 + 50 = 110
  110 – 90 = wrong answer

- 90 – 50 = 40
  AND 60 – 40 = wrong answer.

Accept '20p coin' ***OR*** *20* ***OR*** *"0.20* ***OR*** *£0.20p* ***OR*** *0.20*

A calculation must be performed for award of one mark.

Up to 2

[3]

33 49 (20p coins)

[1]

34 (a) £14.60

Do not *accept £14.6*

1

(b) Award **TWO** marks for the correct answer of £4.45

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg

1.95 + 1.25 + 1.25

Accept for ***ONE*** *mark £445 OR £445p as evidence of an appropriate method*

Accept for ***ONE*** *mark £8.10* ***OR*** *£19.05* ***OR*** *the correct total of £4.45 and the answer given for 9a as evidence of an appropriate method.*

Answer need not be obtained for the award of ***ONE*** *mark.*

Up to 2

[3]

35 50p 20p 10p 10p 10p

Coins may be given in any order.

U1

[1]