

Money word problems

Q1.

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?



2 marks

Q2.

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?



2 marks

Q3.

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?



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?



2 marks

Q4.

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.

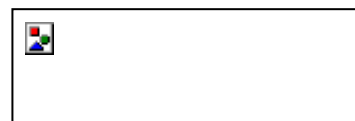
How much change does she get?



2 marks

Amy spends £25.50 on trainer socks.

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



1 mark

Q5.

6 pencils cost **£1.68**



3 pencils and 1 rubber cost
£1.09



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



2 marks

Q6.

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?



2 marks

Q7.

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

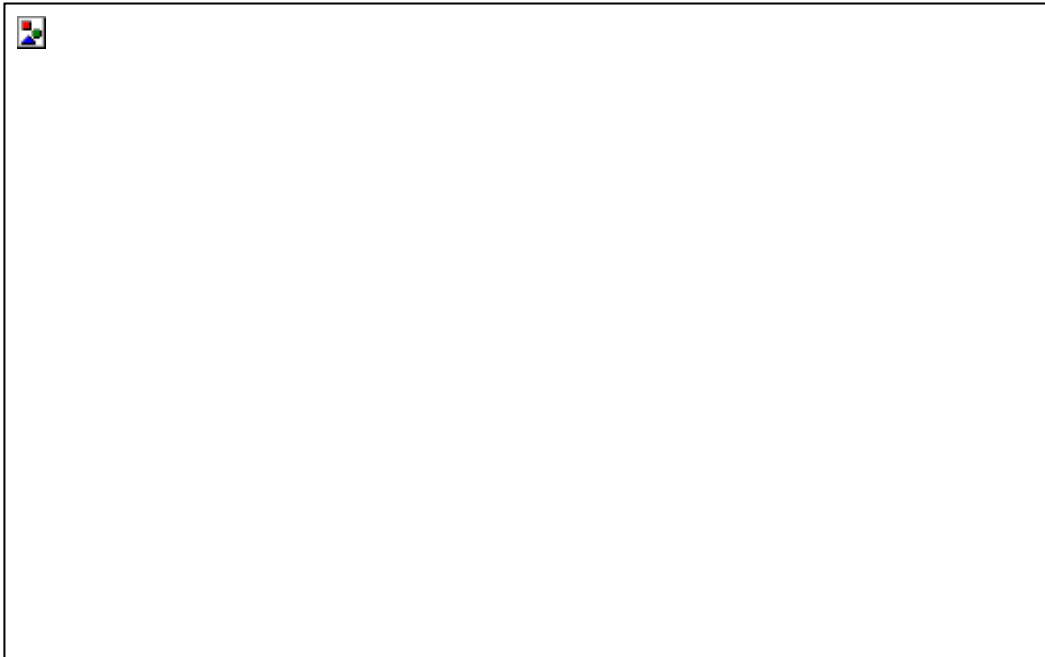
Strawberries cost £7.50 per kg.

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.



3 marks

Q8.

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**?



2 marks

Q9.

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?



2 marks

M1. Award **TWO** marks for the correct answer of 55p **OR** £0.55

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

■ $£2.35 - £1.25 = £1.10$

$£1.10 \div 2 =$ wrong answer

*Accept for **ONE** mark £55 **OR** £55p **OR** 0.55p as evidence of appropriate working.*

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

Up to 2
U1

[2]

M2. Award **TWO** marks for the correct answer of £3.85

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

$£10 - £2.30 = £7.70$

$£7.70 \div 2 =$ wrong answer

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

Up to 2

[2]

M3.(a) £3.48

1

(b) Award **TWO** marks for the correct answer of £1.10

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

■ $£1.80 + 30p = £2.10$

$60p + 40p = £1.00$

$£2.10 - £1.00 =$ wrong answer

*Accept for **ONE** mark £110 **OR** £110p as evidence of appropriate working.*

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

Up to 2

M4.(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:

■ $£20 - £5.45 - £7.50 = \text{wrong answer}$

OR

■ $£5.45 + £7.50 = £12.95$

$£20 - £12.95 = \text{wrong answer}$

*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]

M5.

Award **TWO** marks for the correct answer of 25p.

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

• $168 \div 2 = 84$
 $109 - 84$

OR

• $168 \div 6 = 28$
 $3 \times 28 = 84$
 $109 - 84$

*Accept for **TWO** marks, an answer given in the acceptable notation.*

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

*Accept for **ONE** mark an answer of 0.25p OR £25p OR £25 as evidence of an appropriate method.*

Up to 2m

[2]

M6. Award **TWO** marks for the correct answer of 25p or £0.25.

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

- Lemons $£1 \div 5 = 20\text{p}$ each
Oranges $£1.80 \div 4 = 45\text{p}$ each
 $45\text{p} - 20\text{p}$

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

Up to 2

[2]

M7.

Award **THREE** marks for the correct answer of £111.70.

If the answer is incorrect, award **TWO** marks for:

- sight of £90 **AND** £7.90 **AND** £13.80 as all multiplication steps completed correctly.

*Accept for **TWO** marks, sight of 9,000p **AND** 790p **AND** 1,380p as all multiplication steps completed correctly.*

OR

evidence of an appropriate complete method with no more than one arithmetic error, e.g.



$$88.80 + 7.90 + 13.80 = 110.50$$

Award **ONE** mark for evidence of an appropriate complete method.

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

A misread of a number may affect the award of marks. No marks are awarded if there is more than one misread or if the mathematics is simplified.

TWO marks will be awarded if an appropriate complete method with the misread number is followed through correctly.

ONE mark will be awarded for:

- all multiplication steps completed correctly with the misread number.

OR

- *evidence of an appropriate complete method with the misread number followed through correctly with no more than one arithmetic error.*

Up to 3m

[3]**M8.**

Award **TWO** marks for the correct answer of £11.40.

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

- $£1.25 + £1.60 = £2.85$
 $£2.85 \times 4$

*Accept for **ONE** mark an answer of £1,140 **OR** £1,140p **OR** £11.4 as evidence of an appropriate method.*

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

Up to 2m

[2]**M9.**

Award **TWO** marks for the correct answer of 35p **OR** £0.35.

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

- $50p + 20p + 10p + 10p + 5p = 95p$
 $£2.00 - 95p = £1.05$
 $£1.05 \div 3$

*Accept for **ONE** mark an answer of £35 **OR** £35p **OR** 0.35p as evidence of an appropriate method.*

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

Up to 2m

[2]