

Q1.

Ben had 92 cards.

Sam gave him 10 more.

Flo gave him 100 more.

How many cards does Ben have now?

cards

1 mark

Q2.

Annie has a £2 coin.

Sam has these coins.



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

p

1 mark

Q3.

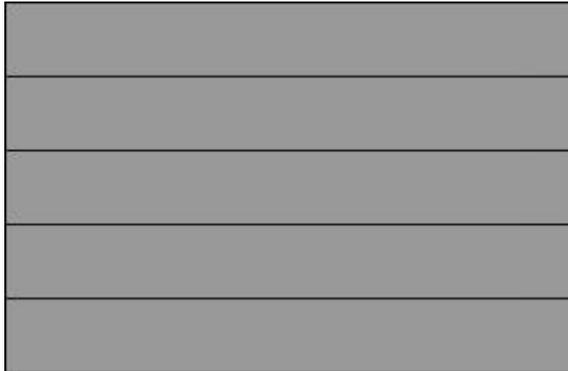
There are 3 chocolates in a tube.



There are 4 tubes in row.



There are 5 rows in a box.



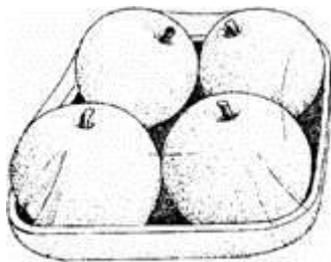
How many chocolates are there in a box?

chocolates

1 mark

Q4.

Apples are sold in packets of **4** at the supermarket.



How many apples are in **72** packs?

1 mark

Q5.

This table shows the number of people living in various towns in England.

Town	Population
Bedford	82,448
Carlton	48,493
Dover	34,087
Formby	24,478
Telford	166,640

What is the **total** of the numbers of people living in Formby and in Telford?

1 mark

What is the **difference** between the numbers of people living in Bedford and in Dover?

1 mark

Mark schemes

Q1.

202 cards

[1]

Q2.

55p

[1]

Q3.

60

[1]

Q4.

288 (apples)

[1]

Q5.

(a) 191,118

1

(b) 48,361

1

[2]

Q6.

Award **TWO** marks for the correct answer of £1.85

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

- $1\frac{1}{2} \times £1.50 = £2.25$
 $\frac{1}{2}$ of £1.80 = 70p (error)
 $£2.25 + 70p = £2.95$
 $£5 - £2.95 =$

OR

- $£1.50 + 75 = £2.25$
 $£2.25 + 90 = 415p$ (error)
 $£5.00 - 415p =$

OR

- sight of £3.15 **OR** 315p as evidence of evaluating the correct cost of the

potatoes and carrots.

Do not accept misreads for this question.

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

Accept for **ONE** mark an answer of £185 or £185p as evidence of an appropriate method.

Up to 2 marks

[2]

Q7.

Award **TWO** marks for the correct answer of £74

Accept for **TWO** marks £74.00 **OR** £74.00p **OR** £74 00
OR £74 00p

If the answer is incorrect, award **ONE** mark for evidence of appropriate working which involves a complete and correct method, eg

$50\text{p} \times 100 = 5000\text{p} = \text{£}50$
 $30\text{p} \times 80 = 2400\text{p} = \text{£}24$
 $\text{£}50 + \text{£}24 = \text{wrong answer}$

OR

Award **ONE** mark for £7400p **OR** £7400 **OR** £7.40 **OR** £7.40p **OR** £740p as evidence of appropriate working.

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

Up to 2

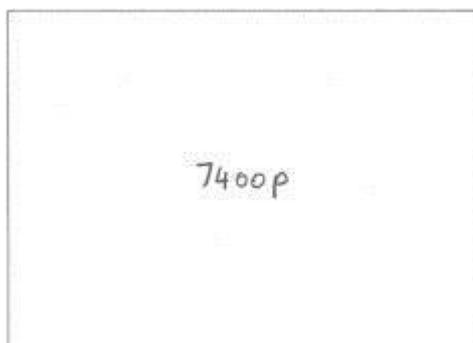
[2]

Examples of responses

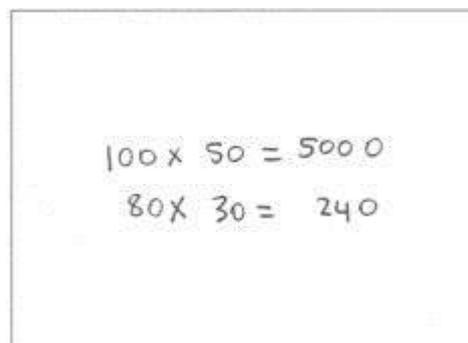
Although Liam has not shown any working, we can assume from his answer of £7400p that he has used a complete and correct method, even though he made an error with the notation of the units. Liam can be awarded the mark. Daisy has calculated the cost for both the adults and the children but has not recorded a complete method since she has not totalled the two amounts. Since she has provided no evidence of her intended answer, her method is not complete. Daisy cannot be awarded the mark.

Liam

Daisy



1 mark



0 marks

Anna has recognised the need to multiply 30p by 80 and 50p by 100, to find the total of these, and to convert pence to pounds and pence. She made an error in totalling the amounts but her understanding of place value was sound. Anna can be awarded the

mark. Her method is complete and correct. Tarun also has recognised the need to carry out the same operations but cannot be awarded the mark since his error is in a misunderstanding of place value. He has omitted the final zero when multiplying by 50 and 30. Although his method is complete, it is not correct. Tarun cannot be awarded the mark.

Anna

$$\begin{array}{l}
 8 \times 3 = 24 \\
 (80 \times 30 = 2400) \\
 10 \times 5 = 50 \\
 (100 \times 50 = 5000) \\
 \\
 7.20
 \end{array}$$

1 mark

Tarun

$$\begin{array}{l}
 100 \quad 80 \quad 240 \\
 \times 50 \quad \times 30 \quad + 300 \\
 \hline
 300 \quad 240 \quad 5.40 \\
 \\
 5.40
 \end{array}$$

0 marks

Joe's working shows evidence that he understood the steps he needed to take to find the answer. Although he made an error in calculating 8 multiplied by 3 as 22, his knowledge of place value was secure and he correctly converted pence to pounds and pence. His method is complete and correct. Joe can be awarded the mark. Kirsty's method and error in multiplying 8 by 3 are similar to Joe's but she has failed to convert the number of pence to pounds and pence. Her method is not complete or correct. Kirsty cannot be awarded the mark.

Joe

$$\begin{array}{l}
 50p \times 100 = 5000 \text{ } \otimes \\
 50p \times 80p = 2200 \\
 30p \\
 \\
 72.00
 \end{array}$$

1 mark

Kirsty

$$\begin{array}{l}
 100 \quad 80 \\
 \times 50 \quad \times 30 \\
 \hline
 5000 \quad + 2200 = 7500 \\
 \\
 7500
 \end{array}$$

0 marks