Q1.
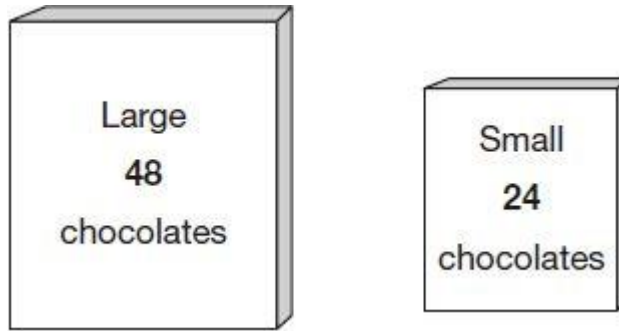
Ken buys 3 large boxes and 2 small boxes of chocolates.

Each large box has 48 chocolates. Each small box has 24 chocolates.

Large
48
chocolates

Small
24
chocolates

How many **chocolates** did Ken buy altogether?

Show
your
method

chocolates

2 marks

Q2.

Circle the number that is **10 times** greater than nine hundred and seven.

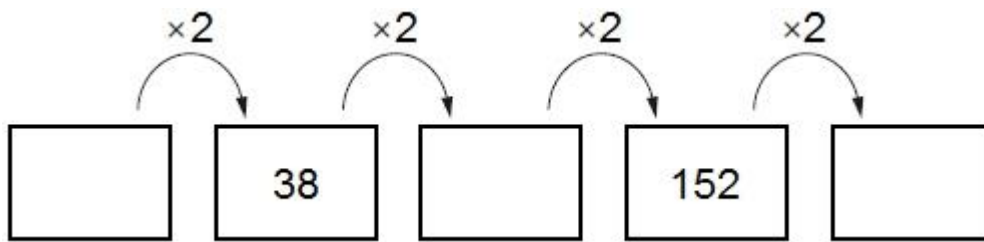9,700   907   9,007   970   9,070

1 mark

Q3.

Here is a doubling sequence.

Write the three missing numbers.

×2   ×2   ×2   ×2

| | 38 | | 152 | |

2 marks

Q4.

Cinema tickets cost **£3.65** each.

Hannah buys **4 tickets**.

BIG SCREEN EN

£3.65

How much does Hannah pay?

£ [   ]

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

2 marks

Q5.

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

How much money has Ben saved?

Show
your
method

£

2 marks

Mark schemes

Q1.

Award **TWO** marks for the correct answer of 192

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

- 48 × 3 = 144
  24 × 2 = 48
  144 + 48 =

OR

- 48 + 48 + 48 = 144
  24 + 24 = 48
  144 + 48 =

OR

- 4 × 48

OR

- 8 × 24

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

Up to 2m

[2]

Q2.

The correct number circled as shown:

9,700   907   9,007   970   (9,070)

Accept alternative unambiguous positive indications, e.g. number ticked.

[1]

Q3.

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

| 19 | 38 | 76 | 152 | 304 |

If the answer is incorrect, award **ONE** mark for two numbers correct.

Up to 2

[2]

Q4.

(a)   £14.60

> **Do not** accept £14.6

<div align="right">1</div>

(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.*

<div align="right">Up to 2</div>

<div align="right">**[3]**</div>

Q5.

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.

<div align="right">Up to 2</div>

<div align="right">**[2]**</div>

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.

<div align="center">**Peter**   **Lucy**</div>

| 1 mark | 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** | **Stella** |

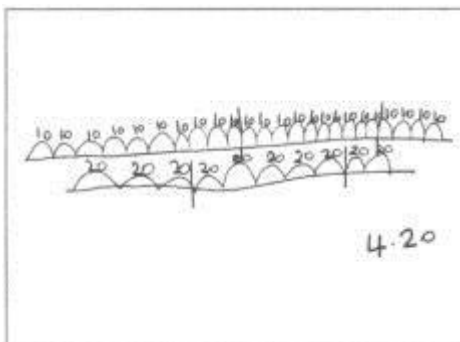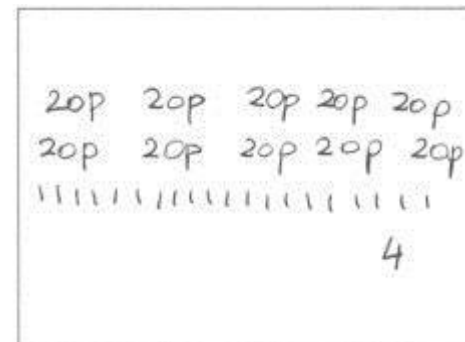| 1 mark | 0 marks |

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** | **Julian** |

1 mark   **0 marks**