Q1.
At the start of April, a shop had $\mathbf{1 5 , 0 0 0}$ games.
The shop sold:

- 7,918 games in April
- 4,624 games in May.

How many games did the shop have left at the end of May?


Q2.
This sign shows the number of empty spaces on each level of a car park at 10am.


In this car park, each level has 800 spaces.
What is the total number of cars parked in the car park at 10am?


## Q3.

One Saturday afternoon, a total of 234,869 people attended three rugby matches.

- 80,978 people attended match 1
- 72,319 people attended match 2

How many people attended match 3?


Q4.
Ken is playing a game. He has 4,289 points.
Then he scores another 355 points.
Ken's target is 6,000 points.
How many more points does Ken need to reach his target?


#### Abstract




Q5.
A shop sells scarves and hats.


Ben buys one of the scarves and the $£ 4.50$ hat.
How much change does he get from $£ 20$ ?


Emily buys two scarves and a hat.
What is the most she could pay?
$\square$
£

1 mark

Q6.
Liam, Sarah and Amy buy lunch at a salad bar.

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

Liam has $£ 2.50$ to spend.
He buys a tuna salad and an apple pie.
How much money has he got left?


1 mark
Sarah buys a cheese salad and a yogurt.
Amy buys an egg salad.

How much more does Sarah pay than Amy?


2 marks

Q7.
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?

## £

1 mark

Q8.
Chen and Megan each buy a sandwich.
Chen gets 5 p change from £2

Megan gets $£ 2.25$ change from $£ 5$
How much more does Megan pay than Chen?


2 marks
Q9.
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) 90 p | Pickled onion 28 p |

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?


Q10.

At the start of June, there were 1,793 toy cars in the shop.
During June,

- $\quad 8,728$ more toy cars were delivered
- 9,473 toy cars were sold.

How many toy cars were left in the shop at the end of June?


2 marks

## Q11.

This table shows the heights of three mountains.

| Mountain | Height in metres |
| :--- | :---: |
| Mount Everest | 8,848 |
| Mount Kilimanjaro | 5,895 |


| Ben Nevis | 1,344 |
| :--- | :--- |

How much higher is Mount Everest than the combined height of the other two mountains?

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Show your method |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Q12.
Olivia buys a banana, an apple and a bag of nuts.


30p


45p


60p

She pays with three 50p coins.
What is her change?


Q13.
Some children vote for their favourite ice-cream flavour.

| Ice-cream <br> flavour | Number of <br> children |
| :--- | :---: |
| vanilla | 87 |
| chocolate | 154 |
| strawberry | $\boldsymbol{?}$ |
| mint | 38 |
| Total | $\mathbf{4 0 2}$ |

How many children vote for strawberry?


Mark schemes

## Q1.

Award TWO marks for correct answer of 2,458
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $7,918+4,624=12,542$ 15,000-12,542

OR

- $15,000-7,918=7,182$ (error) 7,182-4,624

OR

- $15,000-4,624=10,376$

10,376-7,918 = 2,558 (error)
Answer need not be obtained for the award of ONE mark.
Up to $2 m$

Q2.
Award TWO marks for the correct answer of 821
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $800 \times 2=1600$
$511+268=779$ 1600-779

OR

- $800-511=289$
$800-268=542$ (error)
$542+289$
OR
- $800-511-268=23$ (error) $800+23$

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

Q3.
Award TWO marks for the correct answer of 81,572
Award ONE mark for evidence of an appropriate method, e.g.

- $+\frac{72,319}{153,297}$

$$
234,869-153,297
$$

OR

| 234,869 |
| :---: |
| $-\quad 80,978$ |
| 153,891 |
| $153,891-72,319$ |

OR
234,869
$-\quad \frac{72,319}{162,550}$
$162,550-80,978$

## OR

Award ONE mark for sight of 153,297 OR 153,891 OR 162,550
Answer need not be obtained for the award of ONE mark.
Up to $2 m$

Q4.
Award TWO marks for the correct answer of 1,356
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $4289+355=4644$ $6000-4644=$

OR

- $6000-4289-355=$

OR

- $6000-4289=1711$
$1711-355=$
Answer need not be obtained for the award of ONE mark.
Up to 2 marks

Q5.
(a) Award TWO marks for the correct answer of $£ 7.55$

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

- $7.95+4.50=12.45$
- $20-12.45=$ wrong answer


## OR

- $20-7.95-4.50=$ wrong answer

Accept for ONE mark £755 OR £755p as evidence of appropriate working.
Working must be carried through to reach an answer for the award of ONE mark.

Up to 2
(b) $£ 22.40$

Q6.
(a) 40 p
(b) Award TWO marks for the correct answer of 65p OR £0.65

If the answer is incorrect, award ONE mark for evidence of appropriate working, eg
$120+35=155$
155-90 = wrong answer
Accept for ONE mark £65 OR £65p OR 0.65p as evidence of appropriate working.
Working must be carried through to reach an answer for the award of ONE mark.

Up to 2

Q7.
£18.85

Q8.
Award TWO marks for the correct answer of 80p OR £0.80
If the answer is incorrect, award ONE mark for evidence of appropriate working, eg:

- $£ 2.00-£ 0.05=£ 1.95$
$£ 5.00-£ 2.25=£ 2.75$
$£ 2.75-£ 1.95$ = wrong answer
Accept for ONE mark £80 OR £80p OR 0.80p as evidence of appropriate working.
Working must be carried through to reach an answer for the award of ONE mark.

Q9.
(a) $£ 3.48$
(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:

- $£ 1.80+30 \mathrm{p}=£ 2.10$
$60 p+40 p=£ 1.00$
£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

## Q10.

Award TWO marks for the correct answer of 1,048
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $1,793+8,728=10,521$

10,521-9,473

## OR

- $9,473-8,728=745$ 1,793-745

Answer need not be obtained for the award of ONE mark.
Up to $2 m$

## Q11.

Award TWO marks for the correct answer of 1,609
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $5,895+1,344=7,239$

8,848-7,239
Answer need not be obtained for the award of ONE mark.
Up to $\mathbf{2 m}$

## Q12.

Award TWO marks for the correct answer of 15(p)
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $\quad 30 p+45 p+60 p=135 p$
$50 p \times 3-135 p$
OR
- $50-30=20$
$50-45=5$
$20+5+50=75$
75-60


## OR

- $150-45=95$ (error)
$95-60=35$
35-30
Answer need not be obtained for the award of ONE mark. Accept for ONE mark an answer of 0.15(p) OR £15(p) as evidence of an appropriate method.
Refer to section 2.1 on pages 8 and 9 for additional guidance on marking answers involving money (see Resource).

Up to $\mathbf{2 m}$

## Q13.

Award TWO marks for the correct answer of 123
If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.

- $\quad 87+154+38=279$ 402-279

OR

- $\quad 87+154+38=269$ (error)

402-269
Answer need not be obtained for the award of ONE mark.
Up to $\mathbf{2 m}$

