2024 Key Stage 1 Mathematics Mark Scheme - All on One A4 Sheet

Primary Tools

* There is additional guidance in the mark scheme including some multiple choice questions where an incorrect answer may negate a correct answer.
Each question is worth 1 mark unless otherwise stated. Full mark schemes can be found here.

Paper 1 Arithmetic

Q.	Answer
1	4
2	52
3	8
4	65
5	70
6	90
7	20
8	36
9	83
10	53
11	18
12	25
13	2
14	6
15	12
16	70
17	12
18	61
19	9
20	95
21	23
22	25
23	15
24	7
25	45

Paper 2 Reasoning

1 3 (tens)

2* August

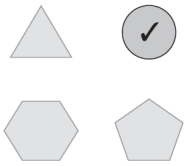
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	(26)	27	28	29	30	31

3 $\frac{1}{4}$

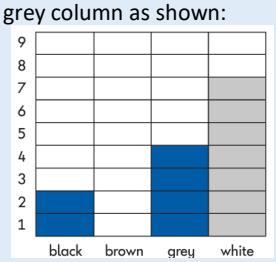
4 5 (metres)

5* (2) (4) 5 (6) 7

Paper 2 Reasoning continued

6* 

7* Two correct blocks added to the black column AND four correct blocks added to the grey column as shown:



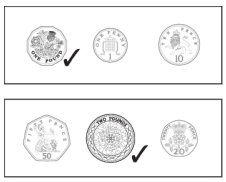
8 11 (ducks)

9* 69 | 70 | 71 | 72 | 73 | 74

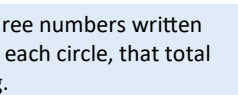
10* 

11 40 (marbles)

12* Both correct coins ticked as shown:



13* Any three numbers written within each circle, that total 14, e.g.
- 9 + 1 + 4
- 7 + 2 + 5
- 1 + 10 + 3
- 4 + 8 + 2

14* 

Paper 2 Reasoning continued

15 68 (marbles)

16 5 × 1 = 5

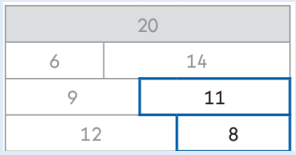
17 6 (strawberries)

18* 9 + 8 | 8 + 9 | 20 − 3 | 3 − 20 ✗

19* 5 × 8 = 40 seats

OR

8 × 5 = 40 seats

20* 

21* 57 | 66 | 75 | 97

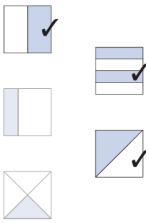
22 6 (packs)

23 4 (badges)

24 50 (ml)

25* 50 + 50 ✓ | 80 + 30 | 75 + 15 | 35 + 65 ✓

26* 

27* 

28* $\frac{1}{4} = \frac{1}{2}$ | $\frac{2}{4} = \frac{1}{3}$ | $\frac{3}{4} = \frac{1}{2}$ | $\frac{2}{4} = \frac{1}{2}$

Paper 2 Reasoning continued

29 $\frac{3}{4}$ of 8 = 6

30 20 (coins)

TWO marks for the correct answer of 6 (horses)

If the answer is incorrect or missing, award **ONE mark** for evidence of a complete, correct method, e.g.
- Half (of) 30 = 15

15 − 9 = (incorrect or no answer)
- 1/2 (of) 30 = 10 (error)

10 − 9 =

31* OR

Award **ONE mark** for any of these partial methods correctly evaluated, e.g.
- 1/2 (of) 30 = 15
- 15 + 9 = 24
- 30 − 9 = 21

OR

Sight of 15, 24 or 21 (as evidence of a partial method completed correctly)

32 5 (kg)

TWO marks for the correct answer of 15 (p)

If the answer is incorrect or missing, award **ONE mark** for evidence of a complete, correct method, e.g.
- 20 (p) × 4 = 80 (p)

80 (p) − 65 (p) = (incorrect or no answer)
- 4 × 20 = 90 (error)

90 − 65 =
- 65 − 20 − 20 − 20 = 5

20 − 5 = (incorrect or no answer)

33* OR

Award **ONE mark** for any of these partial methods correctly evaluated, e.g.
- 20 × 4 = 80
- 20 + 20 + 20 + 20 = 80

OR

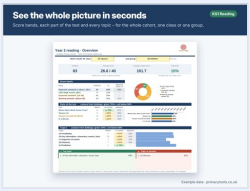
Sight of 80 (p) (as evidence of a partial method completed correctly)

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Marked the paper? What to do next

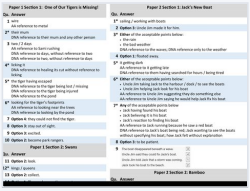
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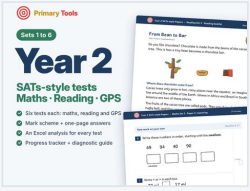
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