



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



* 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.](#)

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Paper 1 Arithmetic	
Q.	Answer
1	4
2	53
3	8
4	65
5	70
6	90
7	30
8	36
9	63
10	53
11	18
12	25
13	2
14	6
15	12
16	70
17	12
18	61
19	9
20	95
21	73
22	25
23	15
24	7
25	45

Paper 2 Reasoning	
Q.	Answer
1	3 (bars)
2*	
3	$\frac{1}{4}$
4	5 (metres)
5*	

Paper 2 Reasoning continued	
Q.	Answer
6*	
7*	
8	55 (ducks)
9*	
10*	
11	40 (marbles)
	Both correct coins ticked as shown:
12*	

Paper 2 Reasoning continued	
Q.	Answer
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	
Q.	Answer
15	68 (marbles)
16	$5 \times 2 = 10$
17	6 (strawberries)
18*	
19*	$5 \times 8 = 40$ mm
20*	
21*	
22	6 (pecks)
23	4 (badgers)
24	50 (ml)
25*	$50 + 50$ ✓ $60 + 30$
26*	$75 + 15$ $35 + 65$ ✓
27*	
28*	

Paper 2 Reasoning continued	
Q.	Answer
29	$\frac{2}{4} \div 2 = \frac{1}{4}$
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. <ul style="list-style-type: none"> • Half (of) 30 = 15 • 15 - 5 = 10 (incorrect or no answer) • 1/2 (of) 30 = 10 (error) • 30 - 9 = 21
31*	OK
	Award ONE mark for any of these partial methods correctly evaluated, e.g. <ul style="list-style-type: none"> • 1/2 (of) 30 = 15 • 15 - 9 = 6 • 30 - 9 = 21
	OK
	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. <ul style="list-style-type: none"> • 20 (p) - 4 = 16 (p) • 20 (p) - 5 (p) = 15 (p) (incorrect or no answer) • 4 x 20 = 80 (error) • 80 - 65 = 15 • 65 - 20 = 45 (error) • 20 - 5 = 15 (incorrect or no answer)
33*	OK
	Award ONE mark for any of these partial methods correctly evaluated, e.g. <ul style="list-style-type: none"> • 20 - 4 = 16 • 20 + 20 + 20 + 20 = 80
	OK
	Sight of 80 (p) (as evidence of a partial method completed correctly)

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Robert R. Redfield



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