

* 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

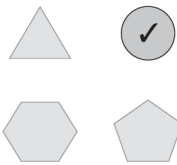
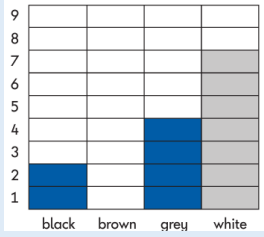

Q. Answer


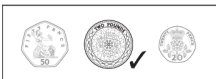
- 1 3 (tens)
- 2*

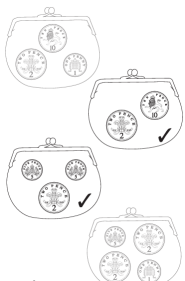
August						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
- 3 $\frac{1}{4}$
- 4 5 (metres)
- 5* 2 4 5 6 7

Paper 2 Reasoning continued

Q. Answer

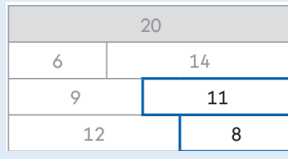

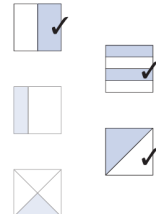
- 6* 
- 7* 
- 8 11 (ducks)
- 9* 69 70 71 72 73 74
- 10* 
- 11 40 (marbles)

- Both correct coins ticked as shown: 
- 12* 
- 13* • 9 + 1 + 4
• 7 + 2 + 5
• 1 + 10 + 3
• 4 + 8 + 2

- 14* 

Paper 2 Reasoning continued

Q. Answer

- 15 68 (marbles)
- 16 $5 \times 1 = 5$
- 17 6 (strawberries)
- 18* $9 + 8$ $8 + 9$
 $20 - 3$ $3 - 20$
- 19* OR $5 \times 8 = 40$ seats
 $8 \times 5 = 40$ 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

Q. Answer

- 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)
• $\frac{1}{2}$ (of) 30 = 10 (error)
10 - 9 =
- 31* OR

Award **ONE mark** for any of these partial methods correctly evaluated, e.g.
• $\frac{1}{2}$ (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) \times 4 = 80 (p)
80 (p) - 65 (p) = (incorrect or no answer)
• 4 \times 20 = 80 (error)
90 - 65 =
• 65 - 20 - 20 - 20 = 5
20 - 5 = (incorrect or no answer)
- 33* answer

OR

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

OR

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