






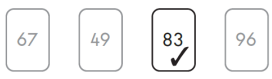

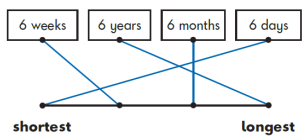
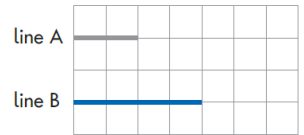
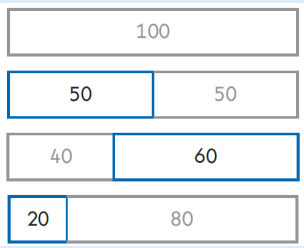


* There is additional guidance in the mark scheme including some multiple choice questions where an incorrect answer may negate a correct answer. Each question is worth 1 mark unless otherwise stated. [Full mark schemes can be found here.](#)

Paper 1 Arithmetic	
Q.	Answer
1	16
2	22
3	21
4	90
5	75
6	7
7	35
8	16
9	82
10	55
11	10
12	12
13	88
14	8
15	7
16	54
17	55
18	22
19	13
20	6
21	65
22	45
23	29
24	48
25	25

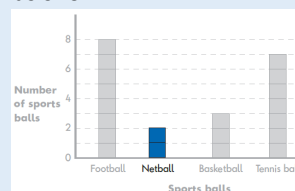
Paper 2 Reasoning	
Q.	Answer
1	60
2*	 Four stars circled, e.g.
3*	$6 - 2$ <input type="checkbox"/> 6×2 <input checked="" type="checkbox"/> $6 \div 2$ <input type="checkbox"/> $6 + 2$ <input type="checkbox"/>
4	66
5*	     

Paper 2 Reasoning continued	
Q.	Answer
6*	
7	73 (sticks)
8	(£) 9
9*	
10*	length of Pencil A <input type="checkbox"/> length of Pencil B length of Pencil A <input type="checkbox"/> length of Pencil C
11	30 (g)
12*	
13*	5 10 15 <input checked="" type="checkbox"/> 20 25
14*	
15*	
16*	odd even 11 <input checked="" type="checkbox"/> <input type="checkbox"/> 48 <input type="checkbox"/> <input checked="" type="checkbox"/> 72 <input type="checkbox"/> <input checked="" type="checkbox"/> 63 <input checked="" type="checkbox"/> <input type="checkbox"/>

Paper 2 Reasoning continued	
Q.	Answer
17	5 (faces)
18	2 (cars)
19	25 (days)

Paper 2 Reasoning continued	
Q.	Answer
20*	Both number sentences completed correctly using the given number cards, i.e. $2 \times 5 = 10$ OR $5 \times 2 = 10$ AND $10 \div 2 = 5$ OR $10 \div 5 = 2$

Paper 2 Reasoning continued	
Q.	Answer
21	9 (oranges)
22a*	Calculation completed correctly using the given number cards only, e.g. $7 + 8 + 5 = 20$ OR $7 + 4 + 9 = 20$ OR $7 + 6 + 7 = 20$
22b*	Calculation completed correctly using the given number cards, provided the numbers are different from those used in Q22a
23*	30p 35p <input checked="" type="checkbox"/> 40p 45p
24	18
25	9 (towers)
26*	Two blocks added to netball column correctly, as shown:



Paper 2 Reasoning continued	
Q.	Answer
27*	10_p 10_p 5_p 2_p OR 20_p 5_p 1_p 1_p

Paper 2 Reasoning continued	
Q.	Answer
28*	TWO marks for the correct answer of 14 If the answer is incorrect or missing, award ONE mark for evidence of a complete, correct method, e.g. • $6 \times 5 = 30$ $30 - 16 =$ (incorrect or no answer) • $6 \times 5 = 28$ (error) $28 - 16 = 12$ OR ONE mark for a partial method correctly evaluated, e.g. • $6 \times 5 = 30$ OR Sight of 30 (as evidence of a partial method completed correctly)

Paper 2 Reasoning continued	
Q.	Answer
29*	$\frac{3}{4}$ <input type="checkbox"/> $\frac{2}{4}$ <input checked="" type="checkbox"/> $\frac{1}{4}$ <input type="checkbox"/> $\frac{1}{3}$ <input type="checkbox"/>

Paper 2 Reasoning continued	
Q.	Answer
30*	9 (cubes)
31*	TWO marks for the correct answer of 27 If the answer is incorrect or missing, award ONE mark for evidence of a complete, correct method, e.g. • $24 + 6 + 12 - 15 =$ (incorrect or no answer) • $24 + 6 + 12 = 32$ (error) $32 - 15 = 17$ OR Award ONE mark for any of these PARTIAL methods correctly evaluated, e.g. • $24 + 12 + 6 = 42$ • $12 + 6 - 15 = 3$ • $24 + 12 - 15 = 21$ OR Sight of 42, 3 or 21 (as evidence of a partial method completed correctly)

Paper 2 Reasoning continued	
Q.	Answer
32*	27 <input type="checkbox"/> 17 <input type="checkbox"/> 23 <input type="checkbox"/> 13 <input checked="" type="checkbox"/>