

Mark Schemes

Year 4 Mid-year Mathematics

testbase

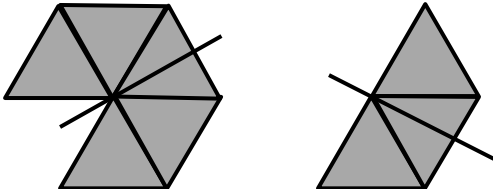
Arithmetic

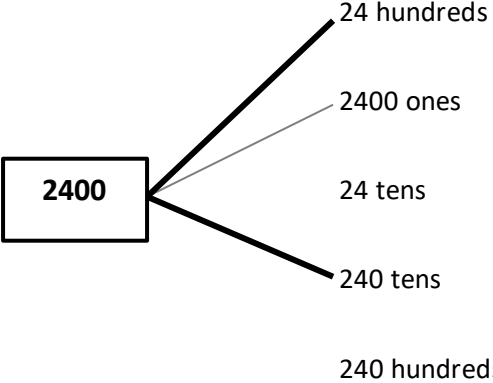
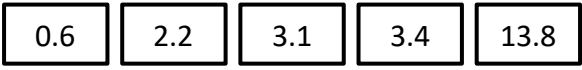
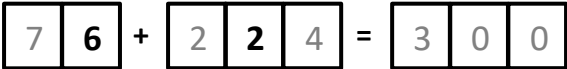

Question number	Answer	Marks	NC Test framework reference
1	21	1	4N1
2	15	1	4C6a
3	0	1	4C6b
4	1,495	1	4N2b
5	74	1	3N2b
6	9	1	4C6a
7	$1\frac{3}{8}$ or equivalent e.g. $\frac{11}{8}$	1	4F4
8	8,000	1	4C2
9	63	1	4N1
10	54	1	4C6a
11	533	1	3C1
12	16	1	4C6b
13	132	1	4C6a
14	6,700	1	4N2b
15	$\frac{2}{9}$ or equivalent	1	4F4
16	72	1	4C6a
17	744	1	3C1
18	48	1	4C6b
19	691	1	3N2b
20	3,591	1	4C2

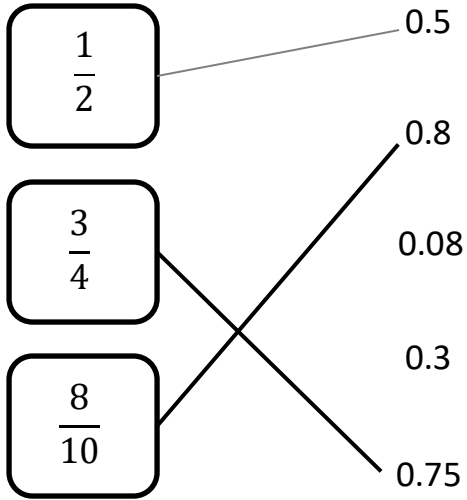
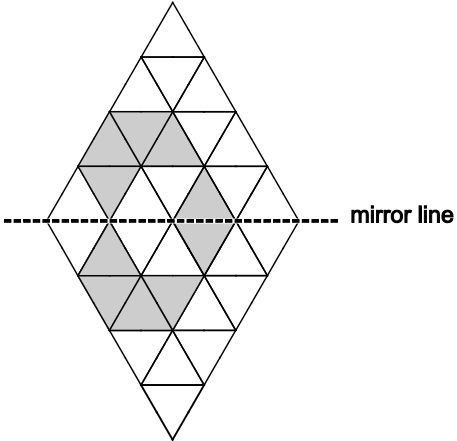
Question number	Answer	Marks	NC Test framework reference
21	11	1	4C6a
22	168	1	4C7
23	100	1	4C6b
24	12	1	4C6a
25	6	1	4C6a
26	6	1	3F1b
27	4,260	1	4C2
28	406	1	4C7
29	6,419	1	4C2
30	1,212	1	4C7
31	8,424	1	4C2
32	18	1	3F1b
33	6,479	1	4C2
34	1,304	1	4C7
35	12	1	3F1b

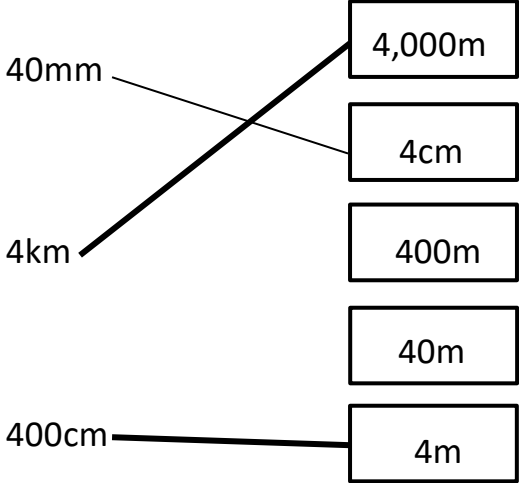
Reasoning

Qu.	Requirement	Mark	Additional guidance
1 4N1	Both numbers correct, as shown: <div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">103</div> 94 85 <div style="border: 1px solid black; padding: 2px 5px;">76</div> 67 58 </div>	1m	Both numbers must be correct for the award of the mark.
2 3N2b	1008	1m	
3 4N5	-2	1m	
4 4C2	Both numbers correct, as shown: 	1m	Both numbers must be correct for the award of the mark.
5a 4N3b	XLVI	1m	
5b 4N3b	62	1m	

Qu.	Requirement	Mark	Additional guidance								
6 4G2b	Both lines of symmetry drawn correctly, as shown: 	1m	Both lines must be correct for the award of the mark. Accept inaccurate drawing provided the intention is clear.								
7a 4N4a	450 in the left box	1m									
7b 4N4a	575 in the right box	1m									
8 4C6a	£48	1m									
9 4M9	Award TWO marks for the correct answer of £2.10 If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g. <ul style="list-style-type: none"> • $27 \times 4 + 17 \times 6 =$ • $27 + 27 + 27 + 27 = 108$ $17 + 17 + 17 + 17 + 17 + 17 = 102$ $108 + 102 = \text{£}2.00$ (<i>error</i>) • $27 + 17 = 44$ $44 \times 4 = 176$ $176 + 34 =$ 	Up to 2m	Accept £2.10p for TWO marks. Accept for ONE mark £210 or £210p as evidence of an appropriate method. Answer need not be obtained for the award of ONE mark.								
10 4N2a	Both amounts ticked, as shown: <table style="margin-left: 20px;"> <tr> <td>£1,669</td> <td><input type="checkbox"/></td> </tr> <tr> <td>£2,080</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>£2,120</td> <td><input type="checkbox"/></td> </tr> <tr> <td>£1,998</td> <td><input checked="" type="checkbox"/></td> </tr> </table>	£1,669	<input type="checkbox"/>	£2,080	<input checked="" type="checkbox"/>	£2,120	<input type="checkbox"/>	£1,998	<input checked="" type="checkbox"/>	1m	Accept alternative unambiguous indications of the correct answer.
£1,669	<input type="checkbox"/>										
£2,080	<input checked="" type="checkbox"/>										
£2,120	<input type="checkbox"/>										
£1,998	<input checked="" type="checkbox"/>										

Qu.	Requirement	Mark	Additional guidance
11a 4S2	3	1m	Do not accept a list of years.
11b 4S2	35	1m	Accept answers in the range 34 to 36 inclusive .
12 4C6b	7	1m	
13 4N3a	Both lines drawn, as shown: 	1m	Both lines must be matched correctly for the award of the mark. Lines need not touch the boxes or numbers, provided the intention is clear.
14 4F8	Numbers in the correct order, as shown: 	1m	All numbers must be written in the correct order for the award of the mark.
15 4C6a 3C1	10	1m	
16 4C4	Both digits correct, as shown: 	1m	Both digits must be correct for the award of the mark.
17 3M1a	90 (cm)	1m	
18 4G4	Letters in the correct order, as shown: 	1m	All letters must be written in the correct order for the award of the mark.
19 4M7a	240 (m)	1m	

Qu.	Requirement	Mark	Additional guidance
20 4F6a 4F6b	Both boxes matched correctly, as shown: 	1m	Both boxes must be matched correctly for the award of the mark. Lines need not touch the boxes or numbers, provided the intention is clear. Do not credit any box that is joined to more than one number.
21 4G2c	Pattern reflected correctly, as shown: 	1m	Accept inaccurate shading provided the intention is clear.
22 4M9	£12.50	1m	

Qu.	Requirement	Mark	Additional guidance
23 4M5	Both lengths matched correctly, as shown: 	1m	Both lengths must be matched correctly for the award of the mark. Lines need not touch the lengths or the boxes, provided the intention is clear. Do not credit any length that is joined to more than one box.
24 4F10a	9	1m	
25 4P3b	(5, 3) Also accept (9, 3)	1m	Do not accept (3, 5) or (3, 9)

Qu.	Requirement	Mark	Additional guidance
26 4G2a	<p>All quadrilaterals matched correctly, as shown:</p>	1m	<p>All quadrilaterals must be matched correctly for the award of the mark.</p> <p>Lines need not touch the shapes or the descriptions, provided the intention is clear.</p> <p>Do not credit any shape that is joined to more than one description.</p>
27 4F10a	<p>Correct fraction circled, as shown:</p> $\frac{1}{3} \quad \frac{1}{4} \quad \frac{1}{5} \quad \frac{1}{6} \quad \left(\frac{1}{7} \right)$	1m	Accept alternative unambiguous indications of the correct answer.
28a 4M4b	Clock face joined to 8:20	1m	
28b 4M4b	Clock face joined to 20:20	1m	
29 4M2	Accept answers in the range 270 – 380 (ml) inclusive .	1m	
30 4N4a	<p>Arrow positioned as shown:</p>	1m	<p>Accept arrow positioned in the range 1.23 to 1.25 exclusive.</p> <p>Arrow must not be pointing to 1.25.</p>