

Mark scheme for Test 4b

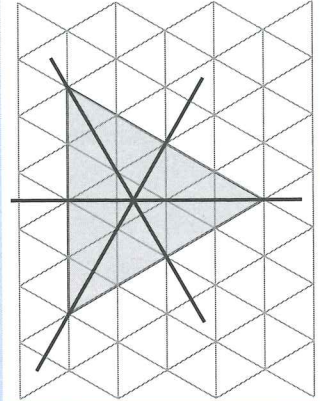
Test 4b questions 1–7

Question	Requirement	Mark	Additional guidance								
Practice	30	None									
1	62	1m									
2	<p>Award TWO marks for the correct answer of 6p</p> <p>If the answer is incorrect, award ONE mark for evidence of appropriate working, eg $50 + 20 + 20 + 20 = 110$ $45 + 59 = 104$ $110 - 104 = \text{wrong answer}$</p> <p>'Supplementary marking guidance' on page 35 shows some responses which are acceptable and unacceptable for the mark.</p>	Up to 2m	<p>Accept £0.06p OR £0.06 pence OR £0-06 OR £0:06 OR £0 06</p> <p>If both marks are awarded, record by entering 1 in each marking space.</p> <p>Accept for ONE mark 0.6p OR 0.06p OR £6p as evidence of appropriate working.</p> <p>The working must be carried through to reach an answer for the award of ONE mark.</p> <p>Award ONE mark by entering 1, 0 in the marking spaces.</p>								
3	0.6	1m	Accept .6 OR $\frac{6}{10}$ OR 6 tenths OR equivalent.								
4	7:40	1m	Accept 07:40 OR 19:40 OR 7:40am OR 7:40pm OR the correct time written in words, eg twenty to eight. Do not accept 7:4 OR 19:4								
5	<p>Table completed as shown:</p> <table border="1" style="margin-left: 20px;"> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">△ 2</td> <td style="text-align: center;">□ 3</td> </tr> <tr> <td colspan="2" style="text-align: center;">□ 6</td> </tr> <tr> <td style="text-align: center;">△ 4</td> <td style="text-align: center;">□ 1</td> </tr> </table> <p>If the answer is incorrect, award ONE mark for two out of three 3-D shapes completed correctly.</p>	2	4	△ 2	□ 3	□ 6		△ 4	□ 1	Up to 2m	<p>All five boxes must be completed correctly for the award of TWO marks.</p> <p>If both marks are awarded, record by entering 1 in each marking space.</p> <p>Award ONE mark by entering 1, 0 in the marking spaces.</p>
2	4										
△ 2	□ 3										
□ 6											
△ 4	□ 1										
6	£3.40	1m	Accept £3.40p OR £3 40 pence OR £3-40 OR £3:40 OR £3 40 Do not accept £340p OR £340								
7	Boxes completed as shown:	1m	The numbers must be in the correct order for the award of the mark.								
	<table border="1" style="margin-left: 20px;"> <tr> <td style="text-align: center;">606</td> <td style="text-align: center;">707</td> <td style="text-align: center;">808</td> <td style="text-align: center;">909</td> <td style="text-align: center;">1010</td> </tr> </table>	606	707	808	909	1010					
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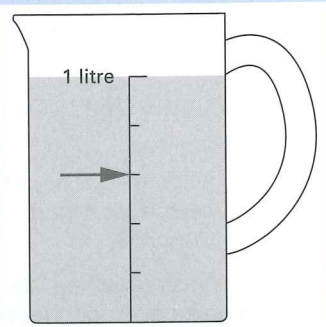
Test 4b questions 8–17

Question	Requirement	Mark	Additional guidance
8a	130	1m	Accept 1m 30cm
8b	60	1m	
9	45 AND 67	1m	Accept numbers in either order.
10	14	1m	
11	$5 \times 6 = 10 \times$ <input type="text" value="3"/> $5 \times 6 < 10 \times$ <input type="text" value="4 OR 5"/>	1m	Both boxes must be correct for the award of the mark.
12	7 OR 7th	1m	
13	9	1m	
14	7	1m	Accept 7° OR 7°C Allow -7
15a	One number circled as shown: 445 <input type="text" value="455"/> 465 475 485	1m <input type="text" value="U1"/>	Accept any other clear way of indicating the correct number, such as ticking or underlining.
15b	One number circled as shown: 345 355 365 <input type="text" value="375"/> 385	1m <input type="text" value="U1"/>	Accept any other clear way of indicating the correct number, such as ticking or underlining.
16	(6, 3)	1m	Coordinates must be in the correct order. Accept unambiguous answers written on the diagram.
17	Award TWO marks for all six totals as shown: 41, 45, 50, 51, 55, 60 If the answer is incorrect, award ONE mark for: ■ At least five totals correct and no more than one incorrect OR ■ All six correct (and no additional incorrect) pairs of scores given but not totalled, ie 1 + 40, 5 + 40, 10 + 40, 1 + 50, 5 + 50, 10 + 50	Up to 2m <input type="text" value="U1"/>	All six totals must be correct for the award of both marks. Totals may be given in any order. If both marks are awarded, record by entering 1 in each marking space. Award ONE mark by entering 1, 0 in the marking spaces.

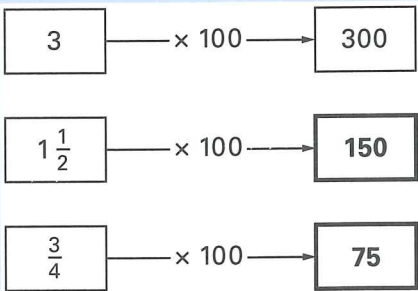
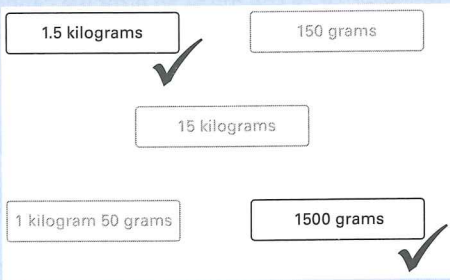
Test 4b questions 18–19

Question	Requirement	Mark	Additional guidance
18	Diagram completed as shown: 	1m	<p>All three lines of symmetry must be drawn for the award of the mark.</p> <p>Accept slight inaccuracies in drawing, provided the intention is clear.</p>
19	<p>An explanation which recognises that a pack of 20 postcards costs 40p less than 20 single postcards, eg:</p> <ul style="list-style-type: none"> ■ 'The pack costs £3.60 and 20 single postcards cost £4.00' ■ 'I know because £3.60 is less than £4.00' ■ '20 x 20 is more than £3.60' ■ '20 x 20p is £4.00'. <p>OR</p> <p>An explanation which compares the value of one postcard within a pack of 20 with the cost of a single postcard, eg:</p> <ul style="list-style-type: none"> ■ 'If one pack is £3.60 then each postcard will be 18p, and if you buy them on their own it is 20p'. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>'Supplementary marking guidance' on pages 37–38 shows some responses which are acceptable and unacceptable for the mark.</p> </div>	1m U1	<p>Do not award the mark for circling 'Yes' alone.</p> <p>If 'No' is circled but a correct unambiguous explanation is given, then award the mark.</p> <p>Do not accept an explanation which compares prices incorrectly, eg:</p> <ul style="list-style-type: none"> ■ 'Because 20 single postcards cost £4.20'. <p>Do not accept an explanation which simply restates given information, eg:</p> <ul style="list-style-type: none"> ■ 'A pack of postcards costs 40p less than 20 single postcards' ■ 'The pack costs 40p less'.

Test 4b questions 20–25

Question	Requirement	Mark	Additional guidance
20	<p>Award TWO marks for the correct answer of 8</p> <p>If the answer is incorrect, award ONE mark for evidence of appropriate working, eg $64 - 24 = 40$ $40 \div 5 = \text{wrong answer}$</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> 'Supplementary marking guidance' on page 36 shows some responses which are acceptable and unacceptable for the mark. </div>	Up to 2m	<p>If both marks are awarded, record by entering 1 in each marking space.</p> <p>The working must be carried through to reach an answer for the award of ONE mark.</p> <p>Award ONE mark by entering 1, 0 in the marking spaces.</p>
21	<p>Arrow drawn to 600ml mark as shown:</p> 	1m	<p>The arrow need not touch the line, provided the intention is clear.</p> <p>Accept any other way of indicating the correct point, such as a cross.</p>
22	<p>Boxes completed as shown:</p> <div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">0.24</div> <div style="border: 1px solid black; padding: 2px;">0.4</div> <div style="border: 1px solid black; padding: 2px;">2.04</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">24</div> </div>	1m	<p>All four numbers must be in the correct order for the award of the mark.</p> <p>Transcription errors are acceptable only if they do not result in a wrongly ordered list.</p>
23	2960	1m	
24	20	1m (U1)	Accept answers between 19.6 and 20.4 exclusive.
25	4	1m	Accept a correct list of days, ie Monday, Thursday, Friday, Saturday.

Test 4b questions 26–29

Question	Requirement	Mark	Additional guidance
26	An example that shows two multiples of 10 totalling a number that is not a multiple of 20, eg $10 + 20 = 30$ OR $60 + 30 = 90$	1m (U1)	Accept a correct example without a total, eg $10 + 20$ Do not accept a total without exemplification of how this total was reached, eg 30
27	Two boxes completed as shown: 	1m	Both numbers must be correct for the award of the mark.
28	Two cards ticked as shown: 	1m	Both cards must be correct for the award of the mark. Accept any other clear way of indicating the correct cards, such as circling.
29	103	1m	

Maximum 35 marks