

National Curriculum Tests

Key Stage 1

Mathematics

Answer Booklet:

Paper 1 Arithmetic

Paper 2 Reasoning

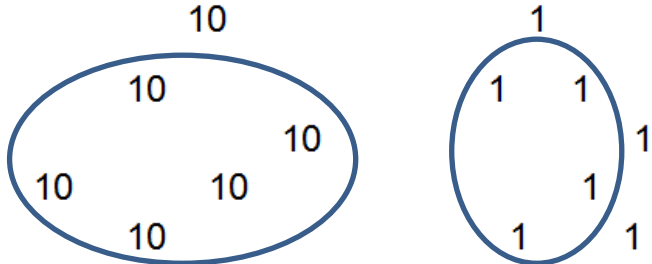
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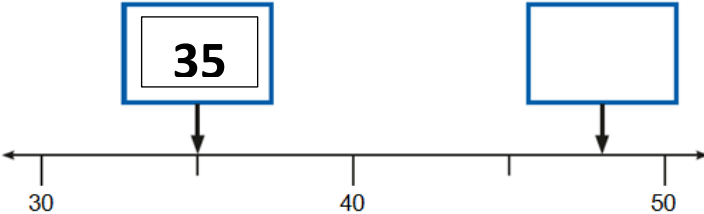
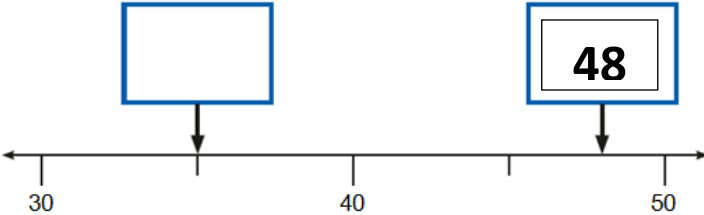
Paper 1: Arithmetic

Question Number	Answer	Marks & Notes
1	12	1 mark
2	9	1 mark
3	6	1 mark
4	59	1 mark
5	15	1 mark
6	70	1 mark
7	8	1 mark
8	30	1 mark
9	7	1 mark
10	80	1 mark
11	47	1 mark
12	30	1 mark
13	71	1 mark
14	3	1 mark
15	9	1 mark
16	70	1 mark
17	24	1 mark
18	7	1 mark
19	52	1 mark
20	5	1 mark
21	9	1 mark
22	4	1 mark
23	47	1 mark
24	5	1 mark
25	9	1 mark





Paper 2: Reasoning

Question Number	Answer	Marks & Notes
1	<p>Any 5 tens and 4 ones circled.</p> 	1 mark
2	24	1 mark
3	12, 15	1 mark Accept correct numbers in either order. Accept both answers given in one of the boxes.
4	10	1 mark
5	31, 33, 35, 37, 39	1 mark All of the numbers must be correct for the award of the mark. Accept repeated correct numbers e.g. 31, 33, 33, 35, 37, 39 Numbers may be written in any order. Do not award the mark if additional incorrect numbers are written inside the answer box.
6	B, D, A, C	1 mark All letters must be in the correct order for the award of the mark. Accept any other clear way of indicating the correct answer e.g. matching each glass to the correct box. Accept the letters given in the reverse order, provided the labels have been swapped.
7	12	1 mark

8	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">Less than </div> <div style="text-align: center;">More than </div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 20px;">   </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;">   </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;">   </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;">   </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;">   </div>	<p>1 mark</p> <p>All four coins must be matched correctly for the award of the mark. Accept any other clear way of indicating the correct answer. Do not award the mark if a coin is matched to both boxes.</p>
9	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;"> <p>19</p> <p>nineteen</p> </div> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;"> <p>71</p> <p>seventy one</p> </div> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;"> <p>39</p> <p>thirty nine</p> </div> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;"> <p>17</p> <p>seventy</p> </div> </div>	<p>1 mark</p> <p>Accept any other clear way of indicating the correct answer. Do not award the mark if other cards are indicated unless it is clear the correct card is the child's final choice.</p>
10	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;">  </div> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;">  </div> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;">  </div> <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; text-align: center;">  </div> </div>	<p>1 mark</p> <p>Accept any other clear way of indicating the correct box. Do not award the mark if other boxes are indicated unless it is clear that the correct box is the child's final choice.</p>
11	14	<p>1 mark</p>
12	<p>A triangle has three sides</p> <p>A triangle can have lines of symmetry.</p> <p>A triangle has curved sides.</p> <p>A triangle has four sides.</p>	<p>Tick two</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;"><input checked="" type="checkbox"/></div> <div style="margin-bottom: 10px;"><input checked="" type="checkbox"/></div> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> <div style="margin-bottom: 10px;"><input type="checkbox"/></div> </div> <p>1 mark</p> <p>Both correct sentences must be indicated for the award of the mark. Accept any other clear way of indicating the correct sentences. Do not award the mark if other sentences are indicated unless it is clear that the correct sentences are the child's final choice.</p>

13	<p>Two numbers written that total 18, e.g. $10 + 8 = 18$ $16 + 2 = 18$ $18 + 0 = 18$</p> <p>Three numbers written that total 18, e.g. $10 + 3 + 5 = 18$ $5 + 5 + 8 = 18$</p>	<p>1 mark Accept any two numbers that total 18</p> <p>1 mark Accept any three numbers that total 18, including repeated numbers, e.g. $18 + 0 + 0$</p>
14	10	1 mark
15	82 (p)	<p>1 mark Accept the answer £0.82p Do not award the mark for 0.82p or £82p</p>
16	<p>35 written in the first box as shown:</p>  <p>48 written in the second box as shown:</p> 	<p>1 mark</p> <p>1 mark Accept any number in the range 47–49 inclusive.</p>
17	D	<p>1 mark Accept any other clear way of indicating the correct shape.</p>
18	30	<p>1 mark Do not accept the correct number of pencils indicated, unless the answer 30 is also seen.</p>
19	6	1 mark

20	9	1 mark Do not accept nine counters drawn unless the answer 9 is also seen.
21		1 mark All shapes must be correctly matched for the award of the mark. Do not award the mark if a shape is matched to more than one name. Ignore any additional shapes drawn.
22		1 mark Accept any other clear way of indicating the correct fruits shown on the page e.g. 50p + 20p + 30p = 100p or £1
23		1 mark Accept any other clear way of indicating the correct rotation. Do not award the mark if other rotations are indicated unless it is clear that the correct answer is the child's final choice.
24	450g	1 mark
25	$50 + 7 = 30 + 27$ $60 + 7 = 50 + 17$ $70 + 7 = 40 + 37$	1 mark All three sums have been correctly matched to award the mark
26	5 x 4 and 5 + 5 + 5 + 5	1 mark Both sums have been correctly circled to award the mark
27	Correct shading	2 marks All shapes have been correctly shaded for 2 marks.

	 <p>Shade $\frac{1}{2}$</p>	 <p>Shade $\frac{1}{3}$</p>	 <p>Shade $\frac{3}{4}$</p>	Two out of three shapes correctly shaded for 1 mark.
28	17 crayons			2 marks
29	$10 \times 4 > 10 + 4$ $2 \times 7 = 7 + 7$			1 mark
30	58 grapes			1 mark
31				1 mark