

# Written Multiplication- Answers

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Key Stage 2: 2003 Paper A

1.

<b>13</b>	18 456	<b>1m</b>	
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Key Stage 2: 2003 Paper B

1.

<b>13</b>	Calculation completed correctly as shown: $\boxed{6} \boxed{3} \times \boxed{6} = \boxed{3} \boxed{7} \boxed{8}$ OR $\boxed{5} \boxed{4} \times \boxed{7} = \boxed{3} \boxed{7} \boxed{8}$ OR $\boxed{4} \boxed{2} \times \boxed{9} = \boxed{3} \boxed{7} \boxed{8}$	<b>1m</b>	
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Key Stage 2: 2004 Paper A

1.

<b>17</b>	221.2	<b>1m</b>	
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Key Stage 2: 2004 Paper B

1.

<b>14</b>	$\boxed{3} \boxed{2} \times \boxed{4}$	<b>1m</b> U1	
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Key Stage 2: 2005 Paper A

1.

<b>20</b>	<p>Award <b>TWO</b> marks for the correct answer of 5291</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate working which contains no more than <b>ONE</b> arithmetical error, eg</p> <ul style="list-style-type: none"> <li>■ long multiplication algorithm such as           <math display="block">\begin{array}{r} 143 \\ \times 37 \\ \hline 1001 \\ \underline{4290} \\ 4290 \end{array}</math>           wrong answer         </li> <li>■ grid method           <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 2px 10px;"></td> <td style="border-bottom: 1px solid black; padding: 2px 10px;">100</td> <td style="border-bottom: 1px solid black; padding: 2px 10px;">40</td> <td style="border-bottom: 1px solid black; padding: 2px 10px;">3</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px 10px;">30</td> <td style="padding: 2px 10px;">3000</td> <td style="padding: 2px 10px;">1200</td> <td style="padding: 2px 10px;">90</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px 10px;">7</td> <td style="padding: 2px 10px;">700</td> <td style="padding: 2px 10px;">280</td> <td style="padding: 2px 10px;">21</td> </tr> </table>           = wrong answer         </li> <li>■ decomposition methods, eg           <p>143 × 40 = 5720 143 × 3 = 429 5720 – 429 = wrong answer</p> </li> </ul>		100	40	3	30	3000	1200	90	7	700	280	21	<b>Up to 2m</b>	<p><i>In all cases accept follow through of <b>ONE</b> error in working.</i></p> <p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>■ <i>the error is in the place value, eg the omission of the zero when multiplying by three tens,</i> <math display="block">\begin{array}{r} 1001 \\ + 429 \end{array}</math> </li> <li>■ <i>the final (answer) line of digits is missing.</i></li> </ul> <p><i>Variations on algorithms are acceptable, provided they represent viable and complete methods.</i></p> <p><i>Calculation must be performed for the award of <b>ONE</b> mark.</i></p>
	100	40	3												
30	3000	1200	90												
7	700	280	21												

Key Stage 2: 2005 Paper B

1.

<b>20</b>	<b>7.4</b> and <b>9.4</b>	<b>1m</b> <b>U1</b>	<p><i>Accept numbers in either order.</i></p> <p><i>Both numbers must be correct for the award of the mark.</i></p>
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Key Stage 2: 2007 Paper A

1.

<b>11</b>	340	<b>1m</b>	
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Key Stage 2: 2008 Paper A

1.

<b>16</b>	271.8	<b>1m</b>	
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Key Stage 2: 2009 Paper A

1.

<p><b>19</b></p> <p>Award <b>TWO</b> marks for the correct answer of 34 314</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate working which contains no more than <b>ONE</b> arithmetical error, eg:</p> <ul style="list-style-type: none"> <li>■ long multiplication algorithm, eg           <math display="block">\begin{array}{r} 602 \\ \times 57 \\ \hline 30100 \\ 4214 \\ \hline \end{array}</math>           wrong answer         </li> <li>■ grid method, eg           <math display="block">\begin{array}{r l} &amp; 600 \quad 2 \\ 50 &amp; 30000 \quad 100 \\ 7 &amp; 4200 \quad 14 \\ \hline &amp; = \text{wrong answer} \end{array}</math> </li> <li>■ partitioning method, eg           <math display="block">\begin{array}{l} 602 \times 10 = 6020 \\ 602 \times 20 = 12040 \\ 602 \times 20 = 12040 \\ 602 \times 7 = 4214 \\ \hline \end{array}</math>           wrong answer         </li> </ul>	<p><b>Up to 2m</b></p> <p>In all cases accept follow-through of <b>ONE</b> error in working.</p> <p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>■ the error is in the place value, eg the omission of the zero when multiplying by five tens, eg           <math display="block">\begin{array}{r} 602 \\ \times 57 \\ \hline 3010 \\ 4214 \\ \hline \end{array}</math>           wrong answer         </li> <li>■ the final (answer) line of digits is missing.</li> </ul> <p>Variations on algorithms are acceptable, provided they represent viable and complete methods.</p> <p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2010 Paper A

1.

<b>11</b>	3804	<b>1m</b>	
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Key Stage 2: 2012 Paper A

1.

<p><b>18</b></p> <p>Award <b>TWO</b> marks for the correct answer of 15680</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate working which contains no more than <b>ONE</b> arithmetical error, eg:</p> <ul style="list-style-type: none"> <li>■ long multiplication algorithm, eg           <math display="block">\begin{array}{r} 560 \\ \times 28 \\ \hline 11200 \\ 4480 \\ \hline \end{array}</math> <p>wrong answer</p> </li> <li>■ grid method, eg           <math display="block">\begin{array}{r rr} &amp; 500 &amp; 60 \\ 20 &amp; 10000 &amp; 1200 \\ 8 &amp; 4000 &amp; 480 \\ \hline &amp; = &amp; \text{wrong answer} \end{array}</math> </li> <li>■ partitioning method, eg           <math display="block">\begin{array}{l} 560 \times 10 = 5600 \\ 560 \times 10 = 5600 \\ 560 \times 8 = 4480 \\ \hline \end{array}</math> <p>wrong answer</p> </li> <li>■ factorisation method, eg           <math display="block">\begin{array}{l} 560 \times 7 = 3920 \\ 3920 \times 4 = \text{wrong answer} \end{array}</math> </li> </ul>	<p><b>Up to 2m</b></p> <p>In all cases accept follow through of <b>ONE</b> error in working.</p> <p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>■ the error is in the place value, eg the omission of the zero when multiplying by two tens, eg           <math display="block">\begin{array}{r} 560 \\ \times 28 \\ \hline 1120 \\ 4480 \\ \hline \end{array}</math> <p>wrong answer</p> </li> <li>■ the final (answer) line of digits is missing.</li> </ul> <p>Variations on algorithms are acceptable, provided they represent viable and complete methods.</p> <p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2012 Paper B

1.

<p><b>13</b></p> <p style="text-align: center;"> <span style="border: 1px solid black; padding: 2px 5px;">7</span> ×            <span style="border: 1px solid black; padding: 2px 5px;">8</span> ×            <span style="border: 1px solid black; padding: 2px 5px;">9</span> </p>	<p><b>1m</b></p> <p>Numbers may be given in any order.</p> <p style="text-align: center;">(U1)</p>
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Key Stage 2: 2013 Paper A

1.

<p><b>4</b></p> <p>Grid completed as shown:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>x</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> </table>	x	1	2	3	4	5	1						2						3						4					✓	5				✓		<p><b>1m</b></p> <p>Accept alternative unambiguous indications, eg 20 written only in the correct squares.</p>
x	1	2	3	4	5																																
1																																					
2																																					
3																																					
4					✓																																
5				✓																																	

Key Stage 2: 2014 Paper A

1.

<b>16</b>	<p>Award <b>TWO</b> marks for the correct answer of 24180</p> <p>If the answer is incorrect, award <b>ONE</b> mark for evidence of appropriate working which contains no more than <b>ONE</b> arithmetical error, eg:</p> <ul style="list-style-type: none"> <li>■ long multiplication algorithm, eg           <math display="block">\begin{array}{r} 465 \\ \times 52 \\ \hline 23250 \\ 930 \\ \hline \end{array}</math> <p>wrong answer</p> </li> <li>■ grid method, eg           <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">400</td> <td style="text-align: center;">60</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">50</td> <td style="text-align: center;">20000</td> <td style="text-align: center;">3000</td> <td style="text-align: center;">250</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">800</td> <td style="text-align: center;">120</td> <td style="text-align: center;">10</td> </tr> </table> <p>= wrong answer</p> </li> <li>■ partitioning method, eg           <math display="block">\begin{array}{l} 465 \times 10 = 4650 \\ 465 \times 20 = 9300 \\ 465 \times 20 = 9300 \\ 465 \times 2 = 930 \\ \hline \end{array}</math> <p>wrong answer</p> </li> </ul>		400	60	5	50	20000	3000	250	2	800	120	10	<b>Up to 2m</b>	<p>In all cases accept follow-through of <b>ONE</b> error in working.</p> <p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>■ the error is in the place value, eg the omission of the zero when multiplying by tens, eg           <math display="block">\begin{array}{r} 465 \\ \times 52 \\ \hline 2325 \\ 930 \\ \hline \end{array}</math> <p>wrong answer</p> </li> <li>■ the final (answer) line of digits is missing.</li> </ul> <p>Variations on algorithms are acceptable, provided they represent viable and complete methods.</p> <p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
	400	60	5												
50	20000	3000	250												
2	800	120	10												

Key Stage 2: 2015 Paper A

1.

<b>14</b>	83.6	<b>1m</b>	
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Key Stage 2: Paper 1 Arithmetic - Sample

1.

Qu	Requirement	Mark	Additional guidance
4	<p>Award <b>TWO</b> marks for the correct answer of 35640</p> <p>If the answer is incorrect award <b>ONE</b> mark for evidence of using the formal method of long multiplication which contains no more than one arithmetical error, eg:</p> <ul style="list-style-type: none"> <li>■           <math display="block">\begin{array}{r} 2376 \\ \times 15 \\ \hline 11880 \\ 23760 \\ \hline \end{array}</math> <p>wrong answer</p> </li> </ul>	Up to 2 marks	<p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p> <p>In all cases accept follow-through of <b>ONE</b> error in working.</p> <p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>■ The error is in the place value, eg by omission of the zero when multiplying by tens eg:           <math display="block">\begin{array}{r} 2376 \\ \times 15 \\ \hline 11880 \\ 2376 \\ \hline \end{array}</math> <p>wrong answer</p> </li> <li>■ The final (answer) line of digits is missing</li> </ul>

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

1.

2	246	1m	
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Key Stage 2: 2016 Paper 1 Arithmetic - Sample

2.

4	72	1m	
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Key Stage 2: 2016 Paper 1 Arithmetic - Sample

3.

9	140	1m	
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Key Stage 2: 2016 Paper 1 Arithmetic - Sample

4.

12	128	1m	
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Key Stage 2: 2016 Paper 1 Arithmetic - Sample

5.

15	10 000	1m	
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Key Stage 2: 2016 Paper 1 Arithmetic - Sample

6.

18	9.12	1m	
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Key Stage 2: 2016 Paper 1 Arithmetic - Sample

7.

23	<p>Award <b>TWO</b> marks for the correct answer of 1242</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of long multiplication which contains no more than <b>ONE</b> arithmetical error, e.g.</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 54 \\ \times 23 \\ \hline 162 \\ 1080 \\ \hline \end{array}</math>                     wrong answer                 </li> </ul>	Up to 2m	<p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>the error is in the place value, e.g. the omission of the zero when multiplying by tens:                             <math display="block">\begin{array}{r} 54 \\ \times 23 \\ \hline 162 \\ 108 \\ \hline \end{array}</math>                             wrong answer                         </li> <li>the final (answer) line of digits is missing.</li> </ul> <p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
<p><b>Question 23 commentary:</b> Two marks are awarded for the correct answer. However, if the answer is incorrect, one mark can only be awarded if the pupil has used the formal method of long multiplication.</p>			

Key Stage 2: 2016 Paper 1 Arithmetic - Sample

8.

29	<p>Award <b>TWO</b> marks for the correct answer of 36612</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of long multiplication which contains no more than <b>ONE</b> arithmetical error, e.g.</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 678 \\ \times 54 \\ \hline 33900 \\ 2712 \\ \hline \end{array}</math>                     wrong answer                 </li> </ul>	Up to 2m	<p><b>Do not</b> award any marks if:</p> <ul style="list-style-type: none"> <li>the error is in the place value, e.g. the omission of the zero when multiplying by tens, i.e.                             <math display="block">\begin{array}{r} 678 \\ \times 54 \\ \hline 3390 \\ 2712 \\ \hline \end{array}</math>                             wrong answer                         </li> <li>the final (answer) line of digits is missing.</li> </ul> <p>Working must be carried through to reach an answer for the award of <b>ONE</b> mark.</p>
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Key Stage 2: 2016 Paper 2 Reasoning - Sample

1.

<b>10</b>	Award <b>TWO</b> marks for both digits correct, as shown: $\begin{array}{r} \phantom{0}4\boxed{1} \\ \times \phantom{0}\boxed{2}6 \\ \hline \phantom{0}246 \\ \phantom{0}820 \\ \hline \phantom{0}1066 \end{array}$ If the answer is incorrect, award <b>ONE</b> mark for one digit correct.	<b>Up to 2m</b>	
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Key Stage 2: 2016 Paper 1 Arithmetic

1.

<b>10</b>	2,637	<b>1m</b>	
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Key Stage 2: 2016 Paper 1 Arithmetic

2.

<b>11</b>	568	<b>1m</b>	
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Key Stage 2: 2016 Paper 1 Arithmetic

3.

<b>12</b>	3,500	<b>1m</b>	
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Key Stage 2: 2016 Paper 1 Arithmetic

4.

<b>13</b>	41,200	<b>1m</b>	
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Key Stage 2: 2016 Paper 1 Arithmetic

5.

<b>23</b>	<p>Award <b>TWO</b> marks for the correct answer of 3,266</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of long multiplication with no more than <b>ONE</b> arithmetical error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 71 \\ \times 46 \\ \hline 426 \\ 2840 \\ \hline 3260 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 71 \\ \times 46 \\ \hline 426 \\ 2440 \text{ (error)} \\ \hline 2866 \end{array}</math></li> </ul>	<b>Up to 2m</b>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 71 \\ \times 46 \\ \hline 426 \\ 284 \text{ (place value error)} \\ \hline 710 \end{array}$
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Key Stage 2: 2016 Paper 1 Arithmetic

6.

<b>26</b>	91.5	<b>1m</b>	
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Key Stage 2: 2016 Paper 1 Arithmetic

7.

<b>30</b>	<p>Award <b>TWO</b> marks for the correct answer of 203,794</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of long multiplication with no more than <b>ONE</b> arithmetical error, e.g.</p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 6574 \\ \times \quad 31 \\ \hline 6574 \\ 143790 \text{ (error)} \\ \hline 150364 \end{array}</math> </li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li> <math display="block">\begin{array}{r} 6574 \\ \times \quad 31 \\ \hline 6574 \\ 197220 \\ \hline 193794 \text{ (error)} \end{array}</math> </li> </ul>	<b>Up to 2m</b>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 6574 \\ \times \quad 31 \\ \hline 6574 \\ 19722 \text{ (place value error)} \\ \hline 26296 \end{array}$
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Key Stage 2: 2016 Paper 3 Reasoning

1.

<b>19</b>	<p>Numbers circled as shown:</p> <p style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">200</span>    2,000    <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">5,000</span>    50,000         </p>	<b>1m</b>	<p>Accept alternative unambiguous positive indications, e.g. numbers ticked or underlined.</p>
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Key Stage 2: 2017 Paper 1 Arithmetic

1.

<b>8</b>	264	<b>1m</b>	
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Key Stage 2: 2017 Paper 1 Arithmetic

2.

<b>10</b>	668	<b>1m</b>	
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Key Stage 2: 2017 Paper 1 Arithmetic

3.

<b>16</b>	1,200	<b>1m</b>	
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Key Stage 2: 2017 Paper 1 Arithmetic

4.

<b>19</b>	2,345,000	<b>1m</b>	
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Key Stage 2: 2017 Paper 1 Arithmetic

5.

<b>22</b>	<p>Award <b>TWO</b> marks for the correct answer of 109,963</p> <p>If the answer is incorrect, award <b>ONE</b> mark for a formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 4781 \\ \times \quad 23 \\ \hline 14343 \\ 95620 \\ \hline 209963 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 4781 \\ \times \quad 23 \\ \hline 14343 \\ 95630 \text{ (error)} \\ \hline 109973 \end{array}</math></li> </ul>	<b>Up to 2m</b>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 4781 \\ \times \quad 23 \\ \hline 14343 \\ 9562 \text{ (place value error)} \\ \hline 23905 \end{array}$
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Key Stage 2: 2017 Paper 1 Arithmetic

6.

<b>24</b>	<p>Award <b>TWO</b> marks for the correct answer of 19,228</p> <p>If the answer is incorrect, award <b>ONE</b> mark for a formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 418 \\ \times 46 \\ \hline 2508 \\ 16720 \\ \hline 18228 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 418 \\ \times 46 \\ \hline 2508 \\ 16620 \text{ (error)} \\ \hline 19128 \end{array}</math></li> </ul>	<b>Up to 2m</b>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 418 \\ \times 46 \\ \hline 2508 \\ 1672 \text{ (place value error)} \\ \hline 4180 \end{array}</math></li> </ul>
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Key Stage 2: 2017 Paper 1 Arithmetic

7.

<b>33</b>	180	<b>1m</b>	
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Key Stage 2: 2017 Paper 2 Reasoning

1.

<b>3</b>	<p>Three boxes completed correctly as shown:</p> $\begin{array}{r cc} \times & \boxed{7} & \boxed{6} \\ \hline \boxed{9} & 63 & 54 \\ \boxed{8} & 56 & 48 \end{array}$	<b>1m</b>	
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Key Stage 2: 2018 Paper 1 Arithmetic

1.

<b>3</b>	90	<b>1m</b>	
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Key Stage 2: 2018 Paper 1 Arithmetic

2.

<b>6</b>	200	<b>1m</b>	
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Key Stage 2: 2018 Paper 1 Arithmetic

3.

<b>20</b>	<p>Award <b>TWO</b> marks for the correct answer of 18,055</p> <p>If the answer is incorrect, award <b>ONE</b> mark for a formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 785 \\ \times 23 \\ \hline 2355 \\ 15700 \\ \hline 18155 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 785 \\ \times 23 \\ \hline 2345 \text{ (error)} \\ 15700 \\ \hline 18045 \end{array}</math></li> </ul>	<b>Up to 2m</b>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 785 \\ \times 23 \\ \hline 2355 \\ 1570 \text{ (place value error)} \\ \hline 3925 \end{array}$
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Key Stage 2: 2018 Paper 1 Arithmetic

4.

<b>23</b>	14	<b>1m</b>	
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Key Stage 2: 2018 Paper 1 Arithmetic

5.

<b>27</b>	117	<b>1m</b>	
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Key Stage 2: 2018 Paper 1 Arithmetic

6.

<b>29</b>	<p>Award <b>TWO</b> marks for the correct answer of 465,518</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 5413 \\ \times \quad 86 \\ \hline 32478 \\ 433040 \\ \hline 465438 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 5413 \\ \times \quad 86 \\ \hline 32478 \\ 423040 \text{ (error)} \\ \hline 455518 \end{array}</math></li> </ul>	<b>Up to 2m</b>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 5413 \\ \times \quad 86 \\ \hline 32478 \\ 43304 \text{ (place value error)} \\ \hline 75782 \end{array}</math></li> </ul>
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Key Stage 2: 2019 Paper 1 Arithmetic

1.

<b>5</b>	369	<b>1m</b>	
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Key Stage 2: 2019 Paper 1 Arithmetic

2.

<b>9</b>	0	<b>1m</b>	
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3.

<b>14</b>	253.4	<b>1m</b>	
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4.

<b>17</b>	101,000	<b>1m</b>	
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Key Stage 2: 2019 Paper 1 Arithmetic

5.

<p><b>23</b> Award <b>TWO</b> marks for the correct answer of 22,572</p> <p>If the answer is incorrect, award <b>ONE</b> mark for a formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 836 \\ \times 27 \\ \hline 5852 \\ 16720 \\ \hline 22602 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 836 \\ \times 27 \\ \hline 5612 \text{ (error)} \\ 16720 \\ \hline 22332 \end{array}</math></li> </ul>	<p><b>Up to 2m</b></p>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> $\begin{array}{r} 836 \\ \times 27 \\ \hline 5852 \\ 1672 \text{ (place value error)} \\ \hline 7524 \end{array}$
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Key Stage 2: 2019 Paper 1 Arithmetic

6.

<p><b>30</b> Award <b>TWO</b> marks for the correct answer of 215,016</p> <p>If the answer is incorrect, award <b>ONE</b> mark for the formal method of long multiplication with no more than <b>ONE</b> arithmetic error, e.g.</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 3468 \\ \times 62 \\ \hline 6936 \\ 208080 \\ \hline 214016 \text{ (error)} \end{array}</math></li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 3468 \\ \times 62 \\ \hline 6934 \text{ (error)} \\ 208080 \\ \hline 215014 \end{array}</math></li> </ul>	<p><b>Up to 2m</b></p>	<p>Working must be carried through to reach a final answer for the award of <b>ONE</b> mark.</p> <p><b>Do not</b> award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:</p> <ul style="list-style-type: none"> <li>• <math display="block">\begin{array}{r} 3468 \\ \times 62 \\ \hline 6936 \\ 20808 \text{ (place value error)} \\ \hline 27744 \end{array}</math></li> </ul>
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Key Stage 2: 2019 Paper 2 Reasoning

1.

<b>1</b>	Award <b>ONE</b> mark for three correct answers, as shown:					<b>1m</b>
	4	x	8	=	<b>32</b>	
	x		x			
	3	x	<b>7</b>	=	21	
	=		=			
	<b>12</b>		56			