

Y5 – Spring – Block 1 – Step 3 – Multiply a 2-digit number by a 2-digit number Answers

Question	Answer																																																			
1	<p>a) 36 360 b) 96 960 c) 96 960 d) 84 840</p> <p>Multiply the first answer by 10</p>																																																			
2	<p>a)</p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>2</td><td>3</td></tr> <tr><td>x</td><td>1</td><td>4</td></tr> <tr><td>9</td><td>1</td><td>2</td></tr> <tr><td>2</td><td>3</td><td>0</td></tr> <tr><td>3</td><td>2</td><td>2</td></tr> <tr><td>1</td><td></td><td></td></tr> </table> <p>(23 × 4) (23 × 10)</p>	2	3	x	1	4	9	1	2	2	3	0	3	2	2	1																																				
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3	<p>a)</p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>4</td><td>3</td></tr> <tr><td>x</td><td>1</td><td>3</td></tr> <tr><td>1</td><td>2</td><td>9</td></tr> <tr><td>4</td><td>3</td><td>0</td></tr> <tr><td>5</td><td>5</td><td>9</td></tr> <tr><td>1</td><td></td><td></td></tr> </table> <p>(43 × 3) (43 × 10)</p> <p>b)</p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>2</td><td>1</td></tr> <tr><td>x</td><td>1</td><td>6</td></tr> <tr><td>1</td><td>2</td><td>6</td></tr> <tr><td>2</td><td>1</td><td>0</td></tr> <tr><td>3</td><td>3</td><td>6</td></tr> <tr><td>1</td><td></td><td></td></tr> </table> <p>(21 × 6) (21 × 10)</p> <p>c)</p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>2</td><td>1</td></tr> <tr><td>x</td><td>2</td><td>5</td></tr> <tr><td>1</td><td>0</td><td>5</td></tr> <tr><td>4</td><td>2</td><td>0</td></tr> <tr><td>5</td><td>2</td><td>5</td></tr> <tr><td>1</td><td></td><td></td></tr> </table> <p>(21 × 5) (21 × 20)</p>	4	3	x	1	3	1	2	9	4	3	0	5	5	9	1			2	1	x	1	6	1	2	6	2	1	0	3	3	6	1			2	1	x	2	5	1	0	5	4	2	0	5	2	5	1		
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4	<p>In the second row, Tiny has worked out 34×2, instead of 34×20 782</p>																																																			
5	<p>a) 1,768 b) 1,232 c) 2,944 d) 2,961</p>																																																			

Y5 – Spring – Block 1 – Step 3 – Multiply a 2-digit number by a 2-digit number Answers (continued)

Question	Answer
6	4,140
7	<p>a) $2,022 \text{ m}^2$ b) 822 m^2</p> <p>Both areas involve calculating 26×47 and 16×25 The area of the first shape is then the addition of the dark area and twice the white area, while the area of the second shape is the difference between them.</p>