

Question	Answer																																																																																																																																																																								
1	<p>a)</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td>2</td><td>4</td><td>3</td><td>3</td><td></td></tr> <tr><td></td><td></td><td>×</td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>4</td><td>8</td><td>6</td><td>6</td><td></td></tr> <tr><td></td><td></td><td>+</td><td>2</td><td>4</td><td>3</td><td>3</td><td>0</td></tr> <tr><td></td><td></td><td></td><td>2</td><td>9</td><td>1</td><td>9</td><td>6</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></tr> </table> <p>(2,433 × 2) (2,433 × 10)</p> <p>b)</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td>2</td><td>4</td><td>3</td><td>3</td><td></td></tr> <tr><td></td><td></td><td>×</td><td></td><td></td><td></td><td>1</td><td>7</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>7</td><td>0</td><td>3</td><td>1</td></tr> <tr><td></td><td></td><td>+</td><td>2</td><td>4</td><td>3</td><td>3</td><td>0</td></tr> <tr><td></td><td></td><td></td><td>4</td><td>1</td><td>3</td><td>6</td><td>1</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></tr> </table> <p>(2,433 × 7) (2,433 × 10)</p> <p>c)</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td>2</td><td>4</td><td>3</td><td>3</td><td></td></tr> <tr><td></td><td></td><td>×</td><td></td><td></td><td></td><td>3</td><td>1</td></tr> <tr><td></td><td></td><td></td><td>2</td><td>4</td><td>3</td><td>3</td><td></td></tr> <tr><td></td><td></td><td>+</td><td>7</td><td>2</td><td>9</td><td>9</td><td>0</td></tr> <tr><td></td><td></td><td></td><td>7</td><td>5</td><td>4</td><td>2</td><td>3</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td></tr> </table> <p>(2,433 × 1) (2,433 × 30)</p>												2	4	3	3				×				1	2				4	8	6	6				+	2	4	3	3	0				2	9	1	9	6						1														2	4	3	3				×				1	7				1	7	0	3	1			+	2	4	3	3	0				4	1	3	6	1						1														2	4	3	3				×				3	1				2	4	3	3				+	7	2	9	9	0				7	5	4	2	3						1	1	
			2	4	3	3																																																																																																																																																																			
		×				1	2																																																																																																																																																																		
			4	8	6	6																																																																																																																																																																			
		+	2	4	3	3	0																																																																																																																																																																		
			2	9	1	9	6																																																																																																																																																																		
					1																																																																																																																																																																				
			2	4	3	3																																																																																																																																																																			
		×				1	7																																																																																																																																																																		
			1	7	0	3	1																																																																																																																																																																		
		+	2	4	3	3	0																																																																																																																																																																		
			4	1	3	6	1																																																																																																																																																																		
					1																																																																																																																																																																				
			2	4	3	3																																																																																																																																																																			
		×				3	1																																																																																																																																																																		
			2	4	3	3																																																																																																																																																																			
		+	7	2	9	9	0																																																																																																																																																																		
			7	5	4	2	3																																																																																																																																																																		
					1	1																																																																																																																																																																			
2	<p>a)</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td>1</td><td>3</td><td>4</td><td>5</td><td></td></tr> <tr><td></td><td></td><td>×</td><td></td><td></td><td></td><td>2</td><td>5</td></tr> <tr><td></td><td></td><td></td><td>6</td><td>7</td><td>2</td><td>5</td><td></td></tr> <tr><td></td><td></td><td></td><td>2</td><td>6</td><td>9</td><td>0</td><td>0</td></tr> <tr><td></td><td></td><td></td><td>3</td><td>3</td><td>6</td><td>2</td><td>5</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td><td></td></tr> </table> <p>(1,345 × 5) (1,345 × 20)</p> <p>b)</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td>5</td><td>0</td><td>1</td><td>2</td><td></td></tr> <tr><td></td><td></td><td>×</td><td></td><td></td><td></td><td>1</td><td>9</td></tr> <tr><td></td><td></td><td></td><td>4</td><td>5</td><td>1</td><td>0</td><td>8</td></tr> <tr><td></td><td></td><td></td><td>5</td><td>0</td><td>1</td><td>2</td><td>0</td></tr> <tr><td></td><td></td><td></td><td>9</td><td>5</td><td>2</td><td>2</td><td>8</td></tr> </table> <p>(5,012 × 9) (5,012 × 10)</p> <p>c)</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td>2</td><td>7</td><td>0</td><td>8</td><td></td></tr> <tr><td></td><td></td><td>×</td><td></td><td></td><td></td><td>3</td><td>4</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>0</td><td>8</td><td>3</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>8</td><td>1</td><td>2</td><td>4</td><td>0</td></tr> <tr><td></td><td></td><td></td><td>9</td><td>2</td><td>0</td><td>7</td><td>2</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></tr> </table> <p>(2,708 × 4) (2,708 × 30)</p>												1	3	4	5				×				2	5				6	7	2	5					2	6	9	0	0				3	3	6	2	5						1	1													5	0	1	2				×				1	9				4	5	1	0	8				5	0	1	2	0				9	5	2	2	8												2	7	0	8				×				3	4				1	0	8	3	2				8	1	2	4	0				9	2	0	7	2						1										
			1	3	4	5																																																																																																																																																																			
		×				2	5																																																																																																																																																																		
			6	7	2	5																																																																																																																																																																			
			2	6	9	0	0																																																																																																																																																																		
			3	3	6	2	5																																																																																																																																																																		
					1	1																																																																																																																																																																			
			5	0	1	2																																																																																																																																																																			
		×				1	9																																																																																																																																																																		
			4	5	1	0	8																																																																																																																																																																		
			5	0	1	2	0																																																																																																																																																																		
			9	5	2	2	8																																																																																																																																																																		
			2	7	0	8																																																																																																																																																																			
		×				3	4																																																																																																																																																																		
			1	0	8	3	2																																																																																																																																																																		
			8	1	2	4	0																																																																																																																																																																		
			9	2	0	7	2																																																																																																																																																																		
					1																																																																																																																																																																				

Y5 – Spring – Block 1 – Multiply 4-digits by 2-digits – basic practice Answers (continued)

Question	Answer
3	a) 103,753 b) 75,555 c) 85,544 d) 208,026 e) 101,871 f) 189,140
4	453,924
5	a) £105,300 b) 27,000 c) E.g. The profit per shirt is £10, so work out $2,700 \times 10$
6	989,901 Possible methods include: using the column method to work out $9,999 \times 99$ working out $9,999 \times 100$ and subtracting 9,999 working out $10,000 \times 99$ and subtracting 99