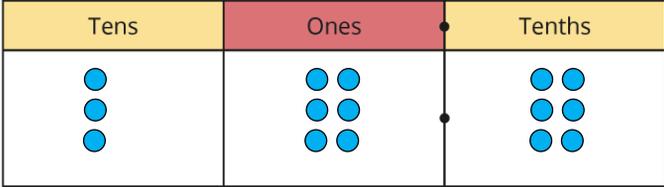
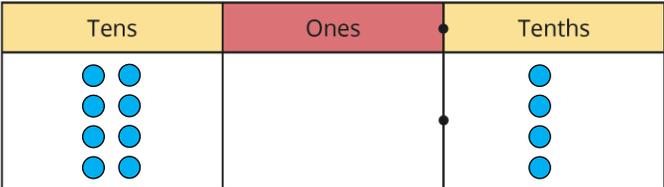


Y6 – Spring – Block 3 – Step 7 – Multiply decimals by integers Answers

Question	Answer																																																												
1	a) $4 \times 2 = 8$ $0.4 \times 2 = 0.8$ b) $7 \times 2 = 14$ $0.7 \times 2 = 1.4$ c) $5 \times 3 = 15$ $0.5 \times 3 = 1.5$																																																												
2	a) 9.6 b) 9.2																																																												
3	a) 36.6  b) 8.04 																																																												
4	a) <table border="1" data-bbox="261 957 475 1135"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>4</td><td>8</td><td>6</td><td></td></tr> <tr><td></td><td>×</td><td></td><td></td><td>4</td><td></td></tr> <tr><td></td><td></td><td>1</td><td>9</td><td>4</td><td>4</td></tr> <tr><td></td><td></td><td></td><td>3</td><td>2</td><td></td></tr> </table> b) <table border="1" data-bbox="261 1141 475 1319"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>2</td><td>0</td><td>9</td><td></td></tr> <tr><td></td><td>×</td><td></td><td></td><td>6</td><td></td></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>5</td><td>4</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>5</td><td></td></tr> </table>									4	8	6			×			4				1	9	4	4				3	2										2	0	9			×			6				1	2	5	4				1	5	
		4	8	6																																																									
	×			4																																																									
		1	9	4	4																																																								
			3	2																																																									
		2	0	9																																																									
	×			6																																																									
		1	2	5	4																																																								
			1	5																																																									
5	a) 20.8 b) 42.9 c) 54.6 d) 7.02 e) 46.02 f) 57.612																																																												
6	1 kg																																																												
7	a) 14.4 28.8 57.6 b) 10.35 103.5 1,035																																																												

Y6 – Spring – Block 3 – Step 7 – Multiply decimals by integers Answers (continued)

Question	Answer
8	No He should have divided 136 by 10, because $3.4 = 34 \div 10$ The correct answer is 13.6
9	multiple possible answers, e.g. $1.23 \times 4 = 4.92$ $4.13 \times 2 = 8.16$ There are 12 possible answers. Children can compare answers to see if they have all 12 possible calculations between them.