

Question	Answer																																																																																																																																		
1	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>15</td> <td>30</td> <td>45</td> <td>60</td> <td>75</td> <td>90</td> <td>105</td> <td>120</td> <td>135</td> <td>150</td> </tr> </table> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>5</td><td>0</td><td>r10</td></tr> <tr><td>15</td><td>7</td><td>6</td><td>0</td><td></td></tr> <tr><td></td><td>7</td><td>5</td><td></td><td></td></tr> <tr><td></td><td>1</td><td>0</td><td></td><td></td></tr> </table> </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>1</td><td>0</td><td>r10</td></tr> <tr><td>15</td><td>1</td><td>6</td><td>3</td><td></td></tr> <tr><td></td><td>1</td><td>5</td><td></td><td></td></tr> <tr><td></td><td>1</td><td>0</td><td></td><td></td></tr> </table> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>6</td><td>3</td><td>r1</td></tr> <tr><td>15</td><td>9</td><td>4</td><td>6</td><td></td></tr> <tr><td></td><td>9</td><td>0</td><td></td><td></td></tr> <tr><td></td><td>4</td><td>6</td><td></td><td></td></tr> <tr><td></td><td>4</td><td>5</td><td></td><td></td></tr> <tr><td></td><td></td><td>1</td><td></td><td></td></tr> </table> </div> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>4</td><td>9</td><td>r5</td></tr> <tr><td>15</td><td>7</td><td>4</td><td>0</td><td></td></tr> <tr><td></td><td>6</td><td>0</td><td></td><td></td></tr> <tr><td></td><td>1</td><td>4</td><td>0</td><td></td></tr> <tr><td></td><td>1</td><td>3</td><td>5</td><td></td></tr> <tr><td></td><td></td><td></td><td>5</td><td></td></tr> </table> </div> </div>	15	30	45	60	75	90	105	120	135	150								5	0	r10	15	7	6	0			7	5				1	0										1	0	r10	15	1	6	3			1	5				1	0										6	3	r1	15	9	4	6			9	0				4	6				4	5					1										4	9	r5	15	7	4	0			6	0				1	4	0			1	3	5					5	
15	30	45	60	75	90	105	120	135	150																																																																																																																										
		5	0	r10																																																																																																																															
15	7	6	0																																																																																																																																
	7	5																																																																																																																																	
	1	0																																																																																																																																	
		1	0	r10																																																																																																																															
15	1	6	3																																																																																																																																
	1	5																																																																																																																																	
	1	0																																																																																																																																	
		6	3	r1																																																																																																																															
15	9	4	6																																																																																																																																
	9	0																																																																																																																																	
	4	6																																																																																																																																	
	4	5																																																																																																																																	
		1																																																																																																																																	
		4	9	r5																																																																																																																															
15	7	4	0																																																																																																																																
	6	0																																																																																																																																	
	1	4	0																																																																																																																																
	1	3	5																																																																																																																																
			5																																																																																																																																
2	136 is not exactly divisible by 15																																																																																																																																		
3	a) 54 r8 b) 102 r4																																																																																																																																		
4	a) 35 b) Add together 380, 24 and 9. Divide the total by 12 and round up to the next whole number of tables.																																																																																																																																		
5	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="border: 1px solid black; padding: 5px;"><math>899 \div 30</math></td> <td style="border: 1px solid black; padding: 5px;"><math>899 \div 8</math></td> <td style="border: 1px solid black; padding: 5px;"><math>899 \div 11</math></td> <td style="border: 1px solid black; padding: 5px;"><math>899 \div 24</math></td> <td style="border: 1px solid black; padding: 5px;"><math>899 \div 99</math></td> </tr> <tr> <td style="text-align: center;">✓</td> <td></td> <td></td> <td style="text-align: center;">✓</td> <td></td> </tr> </table>	$899 \div 30$	$899 \div 8$	$899 \div 11$	$899 \div 24$	$899 \div 99$	✓			✓																																																																																																																									
$899 \div 30$	$899 \div 8$	$899 \div 11$	$899 \div 24$	$899 \div 99$																																																																																																																															
✓			✓																																																																																																																																
6	Party Supplies: £52.80 Fun Stores: £56.00																																																																																																																																		
7	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>remainder is odd                      remainder is greater than 6</p> </div>																																																																																																																																		
8	a) $532 \div 14$ or $215 \div 43$ remainder 0 b) $213 \div 54$ or $321 \div 54$ remainder 51 Children could discuss strategies for finding the smallest/greatest remainders.																																																																																																																																		