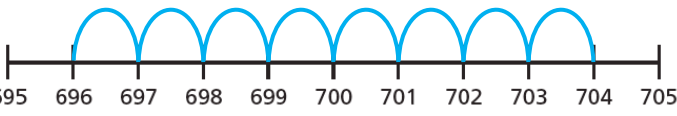


Question	Answer																																																				
1	<p>a) <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td>67</td><td>¹⁰9</td><td>¹4</td><td></td></tr> <tr><td></td><td>-</td><td>6</td><td>9</td><td>6</td><td></td></tr> <tr><td></td><td></td><td><u>0</u></td><td><u>0</u></td><td><u>8</u></td><td></td></tr> </table></p> <p>b) </p> <p>c) The method in part b) is easier because the column subtraction involves lots of exchanges.</p>			H	T	O				6 7	¹⁰ 9	¹ 4			-	6	9	6				<u>0</u>	<u>0</u>	<u>8</u>																													
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2	<p>a) 5 b) 8 c) 28</p>																																																				
3	<p>a) <table border="1" style="display: inline-table; vertical-align: middle; margin-right: 20px;"> <tr><td></td><td></td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td>67</td><td>¹⁰9</td><td>¹0</td><td></td></tr> <tr><td></td><td>-</td><td>3</td><td>4</td><td>8</td><td></td></tr> <tr><td></td><td></td><td><u>3</u></td><td><u>5</u></td><td><u>2</u></td><td></td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td></td><td>Th</td><td>H</td><td>T</td><td>O</td><td></td></tr> <tr><td></td><td></td><td>56</td><td>¹⁰9</td><td>¹⁰9</td><td>¹0</td><td></td></tr> <tr><td></td><td>-</td><td>2</td><td>1</td><td>4</td><td>5</td><td></td></tr> <tr><td></td><td></td><td><u>3</u></td><td><u>8</u></td><td><u>5</u></td><td><u>5</u></td><td></td></tr> </table> <p>We have to make lots of exchanges in both calculations.</p> <p>b) $5,999 - 2,145 = 3,854$ $3,854 + 1 = 3,855$ so $6,000 - 2,145 = 3,855$</p> <p>c) $5,999 - 2,144 = 3,855$ so $6,000 - 2,145 = 3,855$</p> <p>d) Children need to explain why they prefer one particular method.</p> </p>			H	T	O				6 7	¹⁰ 9	¹ 0			-	3	4	8				<u>3</u>	<u>5</u>	<u>2</u>				Th	H	T	O				5 6	¹⁰ 9	¹⁰ 9	¹ 0			-	2	1	4	5				<u>3</u>	<u>8</u>	<u>5</u>	<u>5</u>	
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4	<p>Children can choose the method they prefer.</p> <p>a) 159 b) 271 c) £218 d) 2,698 mm</p>																																																				
5	<p>1,217</p>																																																				
6	<p>a) Eva is subtracting 1 less than 2,000 so she subtracts 2,000 then adds 1 back on. b) She could add 1 to each number, so the difference does not change, and calculate $7,386 - 2,000$ c) $4,512 - 2,999 = 1,513$ $3,704 - 2,998 = 706$ $5,147 - 997 = 4,150$</p>																																																				

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7	<p>multiple possible answers, e.g.:</p> <p>a) 2,353 – 1,064</p> <p>b) 7,640 – 2,351</p> <p>c) 7,420 – 6,531</p>																																								