

Y5 – Autumn – Block 2 – Step 4 – Inverse operations (addition and subtraction) Answers

Question	Answer																																																																																																												
1	$1,039 - 719$ $320 - 1,039$ $719 - 320$ $1,039 - 320$																																																																																																												
2	$4,096 + 2,356$ $4,096 + 1,740$ $1,740 + 2,356$ $1,740 + 4,096$																																																																																																												
3	<p>a)</p> <table style="display: inline-table; border-collapse: collapse; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>3</td><td>4</td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>-</td><td></td><td>1</td><td>3</td><td>6</td><td>0</td></tr> <tr><td></td><td></td><td>2</td><td>9</td><td>7</td><td>3</td></tr> </table> <p style="margin-left: 100px;">or</p> <table style="display: inline-table; border-collapse: collapse; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>3</td><td>4</td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>-</td><td></td><td>2</td><td>9</td><td>7</td><td>3</td></tr> <tr><td></td><td></td><td>1</td><td>3</td><td>6</td><td>0</td></tr> </table> <p>b)</p> <table style="display: inline-table; border-collapse: collapse; margin-right: 20px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>5</td><td>1</td><td>2</td><td>2</td></tr> <tr><td>+</td><td></td><td>3</td><td>1</td><td>4</td><td>2</td></tr> <tr><td></td><td></td><td>8</td><td>2</td><td>6</td><td>4</td></tr> </table> <p style="margin-left: 100px;">or</p> <table style="display: inline-table; border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>3</td><td>1</td><td>4</td><td>2</td></tr> <tr><td>+</td><td></td><td>5</td><td>1</td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td>8</td><td>2</td><td>6</td><td>4</td></tr> </table>									3	4	1	2			3	3	3	3	-		1	3	6	0			2	9	7	3									3	4	1	2			3	3	3	3	-		2	9	7	3			1	3	6	0									5	1	2	2	+		3	1	4	2			8	2	6	4									3	1	4	2	+		5	1	1	2			8	2	6	4
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4	<p>Tommy should check his calculation using a subtraction.</p> <p>$91,380 - 12,350$ or $91,380 - 7,903$</p> <p>20,253</p>																																																																																																												
5	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px; width: 30%;">$2,482 + 6,428 = 8,912$</td> <td style="width: 10%;"></td> <td style="border: 1px solid black; padding: 5px; width: 30%;">$5,271 + 4,212 = 9,483$</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">$5,984 - 3,172 = 2,812$</td> <td></td> <td style="border: 1px solid black; padding: 5px;">$8,912 - 6,428 = 2,482$</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">$9,483 - 5,271 = 4,212$</td> <td></td> <td style="border: 1px solid black; padding: 5px;">$8,912 - 5,271 = 3,641$</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">$8,912 = 3,641 + 5,271$</td> <td></td> <td style="border: 1px solid black; padding: 5px;">$5,984 = 3,172 + 2,812$</td> </tr> </table>	$2,482 + 6,428 = 8,912$		$5,271 + 4,212 = 9,483$	$5,984 - 3,172 = 2,812$		$8,912 - 6,428 = 2,482$	$9,483 - 5,271 = 4,212$		$8,912 - 5,271 = 3,641$	$8,912 = 3,641 + 5,271$		$5,984 = 3,172 + 2,812$																																																																																																
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6	<p>a) 4,835</p> <p>b) 7,658</p> <p>c) 17,057</p>																																																																																																												
7	2,910																																																																																																												
8	<p>possible methods include:</p> <p>Add 3,729 and 8,451, then subtract this total from 20,000</p> <p>Subtract 3,729 from 20,000, then subtract 8,451 from the answer.</p> <p>7,820</p>																																																																																																												