

# Distributive Grid multiplication with two two-digit numbers (2x2)

*Solutions are on page 2*

<p>(1) <math>37 \times 49 = 1,813</math></p> <table border="1"><tr><td></td><td>tens</td><td>ones</td><td></td></tr><tr><td></td><td>30</td><td>7</td><td></td></tr><tr><td>1,200</td><td>1,200</td><td>280</td><td>tens</td></tr><tr><td>280</td><td></td><td></td><td>40</td></tr><tr><td>270</td><td>270</td><td>63</td><td>ones</td></tr><tr><td>63</td><td></td><td></td><td>9</td></tr></table> <p>+ _____</p> <p>1,813</p>		tens	ones			30	7		1,200	1,200	280	tens	280			40	270	270	63	ones	63			9	<p>(2) <math>49 \times 50 =</math></p>	<p>(3) <math>75 \times 97 =</math></p>
	tens	ones																								
	30	7																								
1,200	1,200	280	tens																							
280			40																							
270	270	63	ones																							
63			9																							
<p>(4) <math>47 \times 53 =</math></p>	<p>(5) <math>69 \times 91 =</math></p>	<p>(6) <math>33 \times 26 =</math></p>																								
<p>(7) <math>46 \times 37 =</math></p>	<p>(8) <math>54 \times 92 =</math></p>	<p>(9) <math>95 \times 62 =</math></p>																								
<p>(10) <math>55 \times 15 =</math></p>	<p>(11) <math>32 \times 22 =</math></p>	<p>(12) <math>20 \times 23 =</math></p>																								

# Distributive Grid multiplication with two two-digit numbers (2x2)

Also see video: *'Multiplying Multi-Digit Numbers with the Distributive Grid Method'*

<p>(1) <math>37 \times 49 = 1,813</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">30</td> <td style="text-align: center; padding: 0 5px;">7</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,200</td> <td style="border: 1px solid black; padding: 5px;">1,200</td> <td style="border: 1px solid black; padding: 5px;">280</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">280</td> <td style="border: 1px solid black; padding: 5px;">270</td> <td style="border: 1px solid black; padding: 5px;">63</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">40</td> </tr> <tr> <td style="padding: 5px;">270</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">63</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">9</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,813</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				30	7				1,200	1,200	280		tens	280	270	63		40	270				ones	63				9	+ _____					1,813					<p>(2) <math>49 \times 50 = 2,450</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">40</td> <td style="text-align: center; padding: 0 5px;">9</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">2,000</td> <td style="border: 1px solid black; padding: 5px;">2,000</td> <td style="border: 1px solid black; padding: 5px;">450</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">450</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">50</td> </tr> <tr> <td style="padding: 5px;">0</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">0</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">0</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">2,450</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				40	9				2,000	2,000	450		tens	450	0	0		50	0				ones	0				0	+ _____					2,450					<p>(3) <math>75 \times 97 = 7,275</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">70</td> <td style="text-align: center; padding: 0 5px;">5</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">6,300</td> <td style="border: 1px solid black; padding: 5px;">6,300</td> <td style="border: 1px solid black; padding: 5px;">450</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">450</td> <td style="border: 1px solid black; padding: 5px;">490</td> <td style="border: 1px solid black; padding: 5px;">35</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">90</td> </tr> <tr> <td style="padding: 5px;">490</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">35</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">7</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">7,275</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				70	5				6,300	6,300	450		tens	450	490	35		90	490				ones	35				7	+ _____					7,275				
tens	ones																																																																																																																									
30	7																																																																																																																									
1,200	1,200	280		tens																																																																																																																						
280	270	63		40																																																																																																																						
270				ones																																																																																																																						
63				9																																																																																																																						
+ _____																																																																																																																										
1,813																																																																																																																										
tens	ones																																																																																																																									
40	9																																																																																																																									
2,000	2,000	450		tens																																																																																																																						
450	0	0		50																																																																																																																						
0				ones																																																																																																																						
0				0																																																																																																																						
+ _____																																																																																																																										
2,450																																																																																																																										
tens	ones																																																																																																																									
70	5																																																																																																																									
6,300	6,300	450		tens																																																																																																																						
450	490	35		90																																																																																																																						
490				ones																																																																																																																						
35				7																																																																																																																						
+ _____																																																																																																																										
7,275																																																																																																																										
<p>(4) <math>47 \times 53 = 2,491</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">40</td> <td style="text-align: center; padding: 0 5px;">7</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">2,000</td> <td style="border: 1px solid black; padding: 5px;">2,000</td> <td style="border: 1px solid black; padding: 5px;">350</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">350</td> <td style="border: 1px solid black; padding: 5px;">120</td> <td style="border: 1px solid black; padding: 5px;">21</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">50</td> </tr> <tr> <td style="padding: 5px;">120</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">21</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">2,491</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				40	7				2,000	2,000	350		tens	350	120	21		50	120				ones	21				3	+ _____					2,491					<p>(5) <math>69 \times 91 = 6,279</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">60</td> <td style="text-align: center; padding: 0 5px;">9</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">5,400</td> <td style="border: 1px solid black; padding: 5px;">5,400</td> <td style="border: 1px solid black; padding: 5px;">810</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">810</td> <td style="border: 1px solid black; padding: 5px;">60</td> <td style="border: 1px solid black; padding: 5px;">9</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">90</td> </tr> <tr> <td style="padding: 5px;">60</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">9</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">1</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">6,279</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				60	9				5,400	5,400	810		tens	810	60	9		90	60				ones	9				1	+ _____					6,279					<p>(6) <math>33 \times 26 = 858</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">30</td> <td style="text-align: center; padding: 0 5px;">3</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">600</td> <td style="border: 1px solid black; padding: 5px;">600</td> <td style="border: 1px solid black; padding: 5px;">60</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">60</td> <td style="border: 1px solid black; padding: 5px;">180</td> <td style="border: 1px solid black; padding: 5px;">18</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">20</td> </tr> <tr> <td style="padding: 5px;">180</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">18</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">6</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">858</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				30	3				600	600	60		tens	60	180	18		20	180				ones	18				6	+ _____					858				
tens	ones																																																																																																																									
40	7																																																																																																																									
2,000	2,000	350		tens																																																																																																																						
350	120	21		50																																																																																																																						
120				ones																																																																																																																						
21				3																																																																																																																						
+ _____																																																																																																																										
2,491																																																																																																																										
tens	ones																																																																																																																									
60	9																																																																																																																									
5,400	5,400	810		tens																																																																																																																						
810	60	9		90																																																																																																																						
60				ones																																																																																																																						
9				1																																																																																																																						
+ _____																																																																																																																										
6,279																																																																																																																										
tens	ones																																																																																																																									
30	3																																																																																																																									
600	600	60		tens																																																																																																																						
60	180	18		20																																																																																																																						
180				ones																																																																																																																						
18				6																																																																																																																						
+ _____																																																																																																																										
858																																																																																																																										
<p>(7) <math>46 \times 37 = 1,702</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">40</td> <td style="text-align: center; padding: 0 5px;">6</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,200</td> <td style="border: 1px solid black; padding: 5px;">1,200</td> <td style="border: 1px solid black; padding: 5px;">180</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">180</td> <td style="border: 1px solid black; padding: 5px;">280</td> <td style="border: 1px solid black; padding: 5px;">42</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">280</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">42</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">7</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,702</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				40	6				1,200	1,200	180		tens	180	280	42		30	280				ones	42				7	+ _____					1,702					<p>(8) <math>54 \times 92 = 4,968</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">50</td> <td style="text-align: center; padding: 0 5px;">4</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">4,500</td> <td style="border: 1px solid black; padding: 5px;">4,500</td> <td style="border: 1px solid black; padding: 5px;">360</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">360</td> <td style="border: 1px solid black; padding: 5px;">100</td> <td style="border: 1px solid black; padding: 5px;">8</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">90</td> </tr> <tr> <td style="padding: 5px;">100</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">8</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">4,968</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				50	4				4,500	4,500	360		tens	360	100	8		90	100				ones	8				2	+ _____					4,968					<p>(9) <math>95 \times 62 = 5,890</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">90</td> <td style="text-align: center; padding: 0 5px;">5</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">5,400</td> <td style="border: 1px solid black; padding: 5px;">5,400</td> <td style="border: 1px solid black; padding: 5px;">300</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">300</td> <td style="border: 1px solid black; padding: 5px;">180</td> <td style="border: 1px solid black; padding: 5px;">10</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">60</td> </tr> <tr> <td style="padding: 5px;">180</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">10</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">5,890</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				90	5				5,400	5,400	300		tens	300	180	10		60	180				ones	10				2	+ _____					5,890				
tens	ones																																																																																																																									
40	6																																																																																																																									
1,200	1,200	180		tens																																																																																																																						
180	280	42		30																																																																																																																						
280				ones																																																																																																																						
42				7																																																																																																																						
+ _____																																																																																																																										
1,702																																																																																																																										
tens	ones																																																																																																																									
50	4																																																																																																																									
4,500	4,500	360		tens																																																																																																																						
360	100	8		90																																																																																																																						
100				ones																																																																																																																						
8				2																																																																																																																						
+ _____																																																																																																																										
4,968																																																																																																																										
tens	ones																																																																																																																									
90	5																																																																																																																									
5,400	5,400	300		tens																																																																																																																						
300	180	10		60																																																																																																																						
180				ones																																																																																																																						
10				2																																																																																																																						
+ _____																																																																																																																										
5,890																																																																																																																										
<p>(10) <math>55 \times 15 = 825</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">50</td> <td style="text-align: center; padding: 0 5px;">5</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">500</td> <td style="border: 1px solid black; padding: 5px;">500</td> <td style="border: 1px solid black; padding: 5px;">50</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">50</td> <td style="border: 1px solid black; padding: 5px;">250</td> <td style="border: 1px solid black; padding: 5px;">25</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">10</td> </tr> <tr> <td style="padding: 5px;">250</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">25</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">5</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">825</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				50	5				500	500	50		tens	50	250	25		10	250				ones	25				5	+ _____					825					<p>(11) <math>32 \times 22 = 704</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">30</td> <td style="text-align: center; padding: 0 5px;">2</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">600</td> <td style="border: 1px solid black; padding: 5px;">600</td> <td style="border: 1px solid black; padding: 5px;">40</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">40</td> <td style="border: 1px solid black; padding: 5px;">60</td> <td style="border: 1px solid black; padding: 5px;">4</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">20</td> </tr> <tr> <td style="padding: 5px;">60</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">4</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">704</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				30	2				600	600	40		tens	40	60	4		20	60				ones	4				2	+ _____					704					<p>(12) <math>20 \times 23 = 460</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 5px;">tens</td> <td style="text-align: center; padding: 0 5px;">ones</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="text-align: center; padding: 0 5px;">20</td> <td style="text-align: center; padding: 0 5px;">0</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">400</td> <td style="border: 1px solid black; padding: 5px;">400</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">tens</td> </tr> <tr> <td style="padding: 5px;">0</td> <td style="border: 1px solid black; padding: 5px;">60</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">20</td> </tr> <tr> <td style="padding: 5px;">60</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">ones</td> </tr> <tr> <td style="padding: 5px;">0</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="padding: 5px;">+ _____</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> <tr> <td style="padding: 5px;">460</td> <td colspan="2"></td> <td style="padding: 5px;"></td> <td></td> </tr> </table>	tens	ones				20	0				400	400	0		tens	0	60	0		20	60				ones	0				3	+ _____					460				
tens	ones																																																																																																																									
50	5																																																																																																																									
500	500	50		tens																																																																																																																						
50	250	25		10																																																																																																																						
250				ones																																																																																																																						
25				5																																																																																																																						
+ _____																																																																																																																										
825																																																																																																																										
tens	ones																																																																																																																									
30	2																																																																																																																									
600	600	40		tens																																																																																																																						
40	60	4		20																																																																																																																						
60				ones																																																																																																																						
4				2																																																																																																																						
+ _____																																																																																																																										
704																																																																																																																										
tens	ones																																																																																																																									
20	0																																																																																																																									
400	400	0		tens																																																																																																																						
0	60	0		20																																																																																																																						
60				ones																																																																																																																						
0				3																																																																																																																						
+ _____																																																																																																																										
460																																																																																																																										