

# 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>33 \times 70 =</math></p> | <p>(3) <math>98 \times 49 =</math></p> |
|   | tens                                    | ones                                    |      |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
|   | 30                                      | 7                                       |      |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| 1,200   | 1,200                                   | 280                                     | tens |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| 280   |   |   | 40   |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| 270   | 270                                     | 63                                      | ones |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| 63  |   |   | 9    |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| <p>(4) <math>92 \times 88 =</math></p>  | <p>(5) <math>20 \times 55 =</math></p>  | <p>(6) <math>79 \times 26 =</math></p>  |      |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| <p>(7) <math>77 \times 84 =</math></p>  | <p>(8) <math>67 \times 34 =</math></p>  | <p>(9) <math>72 \times 78 =</math></p>  |      |  |  |    |   |  |       |       |     |      |     |  |  |    |     |     |    |      |    |  |  |   |  |  |
| <p>(10) <math>83 \times 34 =</math></p>   | <p>(11) <math>28 \times 75 =</math></p> | <p>(12) <math>71 \times 93 =</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;">tens</td> <td style="padding: 5px;">40</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;">ones</td> <td style="padding: 5px;">9</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">1,813</p> | tens  | ones |      |    |  | 30 | 7 |  |  |  | 1,200 | 1,200 | 280 | tens | 40 | 280 | 270 | 63 | ones | 9 | <p>(2) <math>33 \times 70 = 2,310</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;">2,100</td> <td style="border: 1px solid black; padding: 5px;">2,100</td> <td style="border: 1px solid black; padding: 5px;">210</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">70</td> </tr> <tr> <td style="padding: 5px;">210</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;">ones</td> <td style="padding: 5px;">0</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">2,310</p>     | tens | ones |  |  |  | 30 | 3 |  |  |  | 2,100 | 2,100 | 210 | tens | 70 | 210 | 0   | 0  | ones | 0 | <p>(3) <math>98 \times 49 = 4,802</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;">8</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">3,600</td> <td style="border: 1px solid black; padding: 5px;">3,600</td> <td style="border: 1px solid black; padding: 5px;">320</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">40</td> </tr> <tr> <td style="padding: 5px;">320</td> <td style="border: 1px solid black; padding: 5px;">810</td> <td style="border: 1px solid black; padding: 5px;">72</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">9</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">4,802</p> | tens | ones |  |  |  | 90 | 8 |  |  |  | 3,600 | 3,600 | 320 | tens | 40 | 320 | 810 | 72 | ones | 9 |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 30   | 7     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 1,200  | 1,200 | 280  | tens | 40 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 280  | 270   | 63   | ones | 9  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 30   | 3     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 2,100  | 2,100 | 210  | tens | 70 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 210  | 0     | 0    | ones | 0  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 90   | 8     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 3,600  | 3,600 | 320  | tens | 40 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 320  | 810   | 72   | ones | 9  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| <p>(4) <math>92 \times 88 = 8,096</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;">2</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">7,200</td> <td style="border: 1px solid black; padding: 5px;">7,200</td> <td style="border: 1px solid black; padding: 5px;">160</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">80</td> </tr> <tr> <td style="padding: 5px;">160</td> <td style="border: 1px solid black; padding: 5px;">720</td> <td style="border: 1px solid black; padding: 5px;">16</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">8</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">8,096</p> | tens  | ones |      |    |  | 90 | 2 |  |  |  | 7,200 | 7,200 | 160 | tens | 80 | 160 | 720 | 16 | ones | 8 | <p>(5) <math>20 \times 55 = 1,100</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;">1,000</td> <td style="border: 1px solid black; padding: 5px;">1,000</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">50</td> </tr> <tr> <td style="padding: 5px;">0</td> <td style="border: 1px solid black; padding: 5px;">100</td> <td style="border: 1px solid black; padding: 5px;">0</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">5</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">1,100</p>       | tens | ones |  |  |  | 20 | 0 |  |  |  | 1,000 | 1,000 | 0   | tens | 50 | 0   | 100 | 0  | ones | 5 | <p>(6) <math>79 \times 26 = 2,054</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;">9</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,400</td> <td style="border: 1px solid black; padding: 5px;">1,400</td> <td style="border: 1px solid black; padding: 5px;">180</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">20</td> </tr> <tr> <td style="padding: 5px;">180</td> <td style="border: 1px solid black; padding: 5px;">420</td> <td style="border: 1px solid black; padding: 5px;">54</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">6</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">2,054</p> | tens | ones |  |  |  | 70 | 9 |  |  |  | 1,400 | 1,400 | 180 | tens | 20 | 180 | 420 | 54 | ones | 6 |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 90   | 2     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 7,200  | 7,200 | 160  | tens | 80 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 160  | 720   | 16   | ones | 8  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 20   | 0     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 1,000  | 1,000 | 0    | tens | 50 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 0  | 100   | 0    | ones | 5  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 70   | 9     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 1,400  | 1,400 | 180  | tens | 20 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 180  | 420   | 54   | ones | 6  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| <p>(7) <math>77 \times 84 = 6,468</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;">7</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">5,600</td> <td style="border: 1px solid black; padding: 5px;">5,600</td> <td style="border: 1px solid black; padding: 5px;">560</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">80</td> </tr> <tr> <td style="padding: 5px;">560</td> <td style="border: 1px solid black; padding: 5px;">280</td> <td style="border: 1px solid black; padding: 5px;">28</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">4</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">6,468</p> | tens  | ones |      |    |  | 70 | 7 |  |  |  | 5,600 | 5,600 | 560 | tens | 80 | 560 | 280 | 28 | ones | 4 | <p>(8) <math>67 \times 34 = 2,278</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;">7</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,800</td> <td style="border: 1px solid black; padding: 5px;">1,800</td> <td style="border: 1px solid black; padding: 5px;">210</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">210</td> <td style="border: 1px solid black; padding: 5px;">240</td> <td style="border: 1px solid black; padding: 5px;">28</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">4</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">2,278</p>  | tens | ones |  |  |  | 60 | 7 |  |  |  | 1,800 | 1,800 | 210 | tens | 30 | 210 | 240 | 28 | ones | 4 | <p>(9) <math>72 \times 78 = 5,616</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;">2</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">4,900</td> <td style="border: 1px solid black; padding: 5px;">4,900</td> <td style="border: 1px solid black; padding: 5px;">140</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">70</td> </tr> <tr> <td style="padding: 5px;">140</td> <td style="border: 1px solid black; padding: 5px;">560</td> <td style="border: 1px solid black; padding: 5px;">16</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">8</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">5,616</p> | tens | ones |  |  |  | 70 | 2 |  |  |  | 4,900 | 4,900 | 140 | tens | 70 | 140 | 560 | 16 | ones | 8 |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 70   | 7     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 5,600  | 5,600 | 560  | tens | 80 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 560  | 280   | 28   | ones | 4  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 60   | 7     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 1,800  | 1,800 | 210  | tens | 30 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 210  | 240   | 28   | ones | 4  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 70   | 2     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 4,900  | 4,900 | 140  | tens | 70 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 140  | 560   | 16   | ones | 8  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| <p>(10) <math>83 \times 34 = 2,822</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;">80</td> <td style="text-align: center; padding: 0 5px;">3</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">2,400</td> <td style="border: 1px solid black; padding: 5px;">2,400</td> <td style="border: 1px solid black; padding: 5px;">90</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">30</td> </tr> <tr> <td style="padding: 5px;">90</td> <td style="border: 1px solid black; padding: 5px;">320</td> <td style="border: 1px solid black; padding: 5px;">12</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">4</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">2,822</p>  | tens  | ones |      |    |  | 80 | 3 |  |  |  | 2,400 | 2,400 | 90  | tens | 30 | 90  | 320 | 12 | ones | 4 | <p>(11) <math>28 \times 75 = 2,100</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;">8</td> <td colspan="2"></td> <td></td> </tr> <tr> <td style="padding: 5px;">1,400</td> <td style="border: 1px solid black; padding: 5px;">1,400</td> <td style="border: 1px solid black; padding: 5px;">560</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">70</td> </tr> <tr> <td style="padding: 5px;">560</td> <td style="border: 1px solid black; padding: 5px;">100</td> <td style="border: 1px solid black; padding: 5px;">40</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">5</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">2,100</p> | tens | ones |  |  |  | 20 | 8 |  |  |  | 1,400 | 1,400 | 560 | tens | 70 | 560 | 100 | 40 | ones | 5 | <p>(12) <math>71 \times 93 = 6,603</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;">1</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;">90</td> <td style="padding: 5px;">tens</td> <td style="padding: 5px;">90</td> </tr> <tr> <td style="padding: 5px;">90</td> <td style="border: 1px solid black; padding: 5px;">210</td> <td style="border: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">ones</td> <td style="padding: 5px;">3</td> </tr> </table> <p style="margin-left: 20px;">+ _____</p> <p style="margin-left: 20px;">6,603</p>   | tens | ones |  |  |  | 70 | 1 |  |  |  | 6,300 | 6,300 | 90  | tens | 90 | 90  | 210 | 3  | ones | 3 |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 80   | 3     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 2,400  | 2,400 | 90   | tens | 30 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 90   | 320   | 12   | ones | 4  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 20   | 8     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 1,400  | 1,400 | 560  | tens | 70 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 560  | 100   | 40   | ones | 5  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| tens   | ones  |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 70   | 1     |      |      |    |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 6,300  | 6,300 | 90   | tens | 90 |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |
| 90   | 210   | 3    | ones | 3  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |   |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |  |      |      |  |  |  |    |   |  |  |  |       |       |     |      |    |     |     |    |      |   |