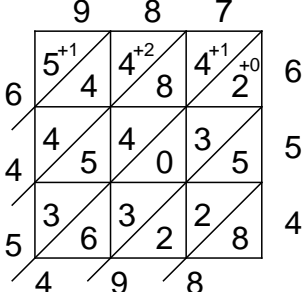


# Lattice multiplication with two three-digit numbers (3x3)

*Solutions are on page 2*

<p>(1) <math>987 \times 654 = 645,498</math></p> 	<p>(2) <math>402 \times 262 =</math></p>	<p>(3) <math>701 \times 160 =</math></p>
<p>(4) <math>203 \times 180 =</math></p>	<p>(5) <math>107 \times 724 =</math></p>	<p>(6) <math>545 \times 578 =</math></p>
<p>(7) <math>674 \times 518 =</math></p>	<p>(8) <math>449 \times 375 =</math></p>	<p>(9) <math>621 \times 149 =</math></p>
<p>(10) <math>183 \times 396 =</math></p>	<p>(11) <math>983 \times 173 =</math></p>	<p>(12) <math>683 \times 651 =</math></p>

# Lattice multiplication with two three-digit numbers (3x3)

Also see the Worksheets and Walkthroughs video: 'Multiplication--The Lattice Method'

<p>(1)</p> <p><math>987 \times 654 = 645,498</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td></td><td style="text-align: center;">9</td><td style="text-align: center;">8</td><td style="text-align: center;">7</td><td></td></tr> <tr><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">6</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">5<sup>+1</sup> 4</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">4<sup>+2</sup> 8</td><td style="border-bottom: 1px solid black; padding: 5px;">4<sup>+1</sup> 2<sup>+0</sup></td><td style="border-left: 1px solid black; border-bottom: 1px solid black; padding: 5px;">6</td></tr> <tr><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">4</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">4 5</td><td style="border-right: 1px solid black; 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<p>(10)</p> <p><math>183 \times 396 = 72,468</math></p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td></td><td style="text-align: center;">1</td><td style="text-align: center;">8</td><td style="text-align: center;">3</td><td></td></tr> <tr><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">0</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">0<sup>+0</sup> 3</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">2<sup>+2</sup> 4</td><td style="border-bottom: 1px solid black; padding: 5px;">0<sup>+2</sup> 9<sup>+1</sup></td><td style="border-left: 1px solid black; border-bottom: 1px solid black; padding: 5px;">3</td></tr> <tr><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">7</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">0 9</td><td style="border-right: 1px solid black; 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margin-right: auto; border-collapse: collapse;"> <tr><td></td><td style="text-align: center;">9</td><td style="text-align: center;">8</td><td style="text-align: center;">3</td><td></td></tr> <tr><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">1</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">0<sup>+1</sup> 9</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">0<sup>+2</sup> 8</td><td style="border-bottom: 1px solid black; padding: 5px;">0<sup>+2</sup> 3<sup>+0</sup></td><td style="border-left: 1px solid black; border-bottom: 1px solid black; padding: 5px;">1</td></tr> <tr><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">7</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">6 3</td><td style="border-right: 1px solid black; border-bottom: 1px solid black; padding: 5px;">5 6</td><td style="border-bottom: 1px solid black; 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