

Distributive Grid multiplication with two- by three-digit numbers (2x3)

Solutions are on page 2

<p>(1) $395 \times 98 = 38,710$</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;">hundreds</th> <th style="text-align: center;">tens</th> <th style="text-align: center;">ones</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">300</td> <td style="text-align: center;">90</td> <td style="text-align: center;">5</td> <td></td> </tr> <tr> <td style="text-align: right;">27,000</td> <td style="border: 1px solid black; text-align: center;">27,000</td> <td style="border: 1px solid black; text-align: center;">8,100</td> <td style="border: 1px solid black; text-align: center;">450</td> <td style="text-align: right;">tens 90</td> </tr> <tr> <td style="text-align: right;">8,100</td> <td style="border: 1px solid black; text-align: center;">2,400</td> <td style="border: 1px solid black; text-align: center;">720</td> <td style="border: 1px solid black; text-align: center;">40</td> <td style="text-align: right;">ones 8</td> </tr> <tr> <td style="text-align: right;">450</td> <td colspan="3"></td> <td></td> </tr> <tr> <td style="text-align: right;">2,400</td> <td colspan="3"></td> <td></td> </tr> <tr> <td style="text-align: right;">720</td> <td colspan="3"></td> <td></td> </tr> <tr> <td style="text-align: right;">40</td> <td colspan="3"></td> <td></td> </tr> <tr> <td style="text-align: right;">+ _____</td> <td colspan="3"></td> <td></td> </tr> <tr> <td style="text-align: right;">38,710</td> <td colspan="3"></td> <td></td> </tr> </tbody> </table>		hundreds	tens	ones			300	90	5		27,000	27,000	8,100	450	tens 90	8,100	2,400	720	40	ones 8	450					2,400					720					40					+ _____					38,710					<p>(2) $936 \times 41 =$</p>	<p>(3) $675 \times 30 =$</p>
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Also see video: 'Multiplying Multi-Digit Numbers with the Distributive Grid Method'

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