

Solved Long Division Problems with Step-By-Step Walkthrough

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

Solutions are on page 2

<div>(1)</div> <div>288 7631</div>	<div>(2)</div> <div>235 3163</div>	<div>(3)</div> <div>638 8481</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)</div> <div><div>26 R143</div><div>288 7631</div><div><div>- 576</div><div>(2 x 288)</div></div><div><div>1871</div><div>- 1728</div><div>(6 x 288)</div></div><div>Remainder --> 143</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 288 into 763 (= 2)</div> <div>Multiply 2 times 288 (= 576)</div> <div>Subtract 576 from 763 (= 187)</div> <div>Bring down the 1</div> <div>Divide 288 into 1871 (= 6)</div> <div>Multiply 6 times 288 (= 1728)</div> <div>Subtract 1728 from 1871 (= 143)</div> <div>Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div>13 R108</div><div>235 3163</div><div><div>- 235</div><div>(1 x 235)</div></div><div><div>813</div><div>- 705</div><div>(3 x 235)</div></div><div>Remainder --> 108</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 235 into 316 (= 1)</div> <div>Multiply 1 times 235 (= 235)</div> <div>Subtract 235 from 316 (= 81)</div> <div>Bring down the 3</div> <div>Divide 235 into 813 (= 3)</div> <div>Multiply 3 times 235 (= 705)</div> <div>Subtract 705 from 813 (= 108)</div> <div>Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div>13 R187</div><div>638 8481</div><div><div>- 638</div><div>(1 x 638)</div></div><div><div>2101</div><div>- 1914</div><div>(3 x 638)</div></div><div>Remainder --> 187</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 638 into 848 (= 1)</div> <div>Multiply 1 times 638 (= 638)</div> <div>Subtract 638 from 848 (= 210)</div> <div>Bring down the 1</div> <div>Divide 638 into 2101 (= 3)</div> <div>Multiply 3 times 638 (= 1914)</div> <div>Subtract 1914 from 2101 (= 187)</div> <div>Done. No more numbers to bring down.</div>
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