

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>9 $\overline{)479}$</div>	<div>(2)</div> <div>7 $\overline{)626}$</div>	<div>(3)</div> <div>5 $\overline{)616}$</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><div>53 R2</div><div>9 479</div><div>- 45</div><div>29</div><div>- 27</div><div>2</div></div><div><div>(5 x 9)</div><div>(3 x 9)</div></div></div> <div>Remainder --> 2</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 9 into 47 (= 5)</div> <div>Multiply 5 times 9 (= 45)</div> <div>Subtract 45 from 47 (= 2)</div> <div>Bring down the 9</div> <div>Divide 9 into 29 (= 3)</div> <div>Multiply 3 times 9 (= 27)</div> <div>Subtract 27 from 29 (= 2)</div> <div>Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>89 R3</div><div>7 626</div><div>- 56</div><div>66</div><div>- 63</div><div>3</div></div><div><div>(8 x 7)</div><div>(9 x 7)</div></div></div> <div>Remainder --> 3</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 7 into 62 (= 8)</div> <div>Multiply 8 times 7 (= 56)</div> <div>Subtract 56 from 62 (= 6)</div> <div>Bring down the 6</div> <div>Divide 7 into 66 (= 9)</div> <div>Multiply 9 times 7 (= 63)</div> <div>Subtract 63 from 66 (= 3)</div> <div>Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>123 R1</div><div>5 616</div><div>- 5</div><div>11</div><div>- 10</div><div>16</div><div>- 15</div><div>1</div></div><div><div>(1 x 5)</div><div>(2 x 5)</div><div>(3 x 5)</div></div></div> <div>Remainder --> 1</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 5 into 6 (= 1)</div> <div>Multiply 1 times 5 (= 5)</div> <div>Subtract 5 from 6 (= 1)</div> <div>Bring down the 1</div> <div>Divide 5 into 11 (= 2)</div> <div>Multiply 2 times 5 (= 10)</div> <div>Subtract 10 from 11 (= 1)</div> <div>Bring down the 6</div> <div>Divide 5 into 16 (= 3)</div> <div>Multiply 3 times 5 (= 15)</div> <div>Subtract 15 from 16 (= 1)</div> <div>Done. No more numbers to bring down.</div>
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