

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

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| <div>(1)</div> <div>7 $\overline{)3844}$</div> | <div>(2)</div> <div>7 $\overline{)8806}$</div> | <div>(3)</div> <div>9 $\overline{)1121}$</div> |
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

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| <div>(1)</div> <div><div><div>549 R1</div><div>7 3844</div><div><div>- 35</div><div>(5 x 7)</div></div><div><div>34</div><div>- 28</div><div>(4 x 7)</div></div><div><div>64</div><div>- 63</div><div>(9 x 7)</div></div></div><div>Remainder --> 1</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 7 into 38 (= 5) Multiply 5 times 7 (= 35) Subtract 35 from 38 (= 3) Bring down the 4</div> <div>Divide 7 into 34 (= 4) Multiply 4 times 7 (= 28) Subtract 28 from 34 (= 6) Bring down the 4</div> <div>Divide 7 into 64 (= 9) Multiply 9 times 7 (= 63) Subtract 63 from 64 (= 1) Done. No more numbers to bring down.</div> | <div>(2)</div> <div><div><div>1258 R0</div><div>7 8806</div><div><div>- 7</div><div>(1 x 7)</div></div><div><div>18</div><div>- 14</div><div>(2 x 7)</div></div><div><div>40</div><div>- 35</div><div>(5 x 7)</div></div><div><div>56</div><div>- 56</div><div>(8 x 7)</div></div></div><div>Remainder --> 0</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 7 into 8 (= 1) Multiply 1 times 7 (= 7) Subtract 7 from 8 (= 1) Bring down the 8</div> <div>Divide 7 into 18 (= 2) Multiply 2 times 7 (= 14) Subtract 14 from 18 (= 4) Bring down the 0</div> <div>Divide 7 into 40 (= 5) Multiply 5 times 7 (= 35) Subtract 35 from 40 (= 5) Bring down the 6</div> <div>Divide 7 into 56 (= 8) Multiply 8 times 7 (= 56) Subtract 56 from 56 (= 0) Done. No more numbers to bring down.</div> | <div>(3)</div> <div><div><div>124 R5</div><div>9 1121</div><div><div>- 9</div><div>(1 x 9)</div></div><div><div>22</div><div>- 18</div><div>(2 x 9)</div></div><div><div>41</div><div>- 36</div><div>(4 x 9)</div></div></div><div>Remainder --> 5</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 9 into 11 (= 1) Multiply 1 times 9 (= 9) Subtract 9 from 11 (= 2) Bring down the 2</div> <div>Divide 9 into 22 (= 2) Multiply 2 times 9 (= 18) Subtract 18 from 22 (= 4) Bring down the 1</div> <div>Divide 9 into 41 (= 4) Multiply 4 times 9 (= 36) Subtract 36 from 41 (= 5) Done. No more numbers to bring down.</div> |
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