

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

(1) <div>74 9991</div>	(2) <div>91 5570</div>	(3) <div>96 8742</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>135 R1</div><div>74 9991</div><div><div>- 74</div><div>259</div><div>- 222</div><div>371</div><div>- 370</div></div><div>1</div></div><div><div>(1 x 74)</div><div>(3 x 74)</div><div>(5 x 74)</div></div></div> <div>Remainder --></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 74 into 99 (= 1)</div> <div>Multiply 1 times 74 (= 74)</div> <div>Subtract 74 from 99 (= 25)</div> <div>Bring down the 9</div> <div>Divide 74 into 259 (= 3)</div> <div>Multiply 3 times 74 (= 222)</div> <div>Subtract 222 from 259 (= 37)</div> <div>Bring down the 1</div> <div>Divide 74 into 371 (= 5)</div> <div>Multiply 5 times 74 (= 370)</div> <div>Subtract 370 from 371 (= 1)</div> <div>Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>61 R19</div><div>91 5570</div><div><div>- 546</div><div>110</div><div>- 91</div></div><div>19</div></div><div><div>(6 x 91)</div><div>(1 x 91)</div></div></div> <div>Remainder --></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 91 into 557 (= 6)</div> <div>Multiply 6 times 91 (= 546)</div> <div>Subtract 546 from 557 (= 11)</div> <div>Bring down the 0</div> <div>Divide 91 into 110 (= 1)</div> <div>Multiply 1 times 91 (= 91)</div> <div>Subtract 91 from 110 (= 19)</div> <div>Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>91 R6</div><div>96 8742</div><div><div>- 864</div><div>102</div><div>- 96</div></div><div>6</div></div><div><div>(9 x 96)</div><div>(1 x 96)</div></div></div> <div>Remainder --></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 96 into 874 (= 9)</div> <div>Multiply 9 times 96 (= 864)</div> <div>Subtract 864 from 874 (= 10)</div> <div>Bring down the 2</div> <div>Divide 96 into 102 (= 1)</div> <div>Multiply 1 times 96 (= 96)</div> <div>Subtract 96 from 102 (= 6)</div> <div>Done. No more numbers to bring down.</div>
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