

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>4 $\overline{)109}$</div>	<div>(2)</div> <div>3 $\overline{)271}$</div>	<div>(3)</div> <div>5 $\overline{)968}$</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>27 R1</div><div>4 109</div><div><div>- 8</div><div>(2 x 4)</div></div><div><div>29</div><div>- 28</div><div>(7 x 4)</div></div></div><div>Remainder --> 1</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 4 into 10 (= 2) Multiply 2 times 4 (= 8) Subtract 8 from 10 (= 2) Bring down the 9</div> <div>Divide 4 into 29 (= 7) Multiply 7 times 4 (= 28) Subtract 28 from 29 (= 1) Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>90 R1</div><div>3 271</div><div><div>- 27</div><div>(9 x 3)</div></div><div><div>01</div><div>- 0</div><div>(0 x 3)</div></div></div><div>Remainder --> 1</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 3 into 27 (= 9) Multiply 9 times 3 (= 27) Subtract 27 from 27 (= 0) Bring down the 1</div> <div>Divide 3 into 01 (= 0) Multiply 0 times 3 (= 0) Subtract 0 from 01 (= 1) Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>193 R3</div><div>5 968</div><div><div>- 5</div><div>(1 x 5)</div></div><div><div>46</div><div>- 45</div><div>(9 x 5)</div></div><div><div>18</div><div>- 15</div><div>(3 x 5)</div></div></div><div>Remainder --> 3</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 5 into 9 (= 1) Multiply 1 times 5 (= 5) Subtract 5 from 9 (= 4) Bring down the 6</div> <div>Divide 5 into 46 (= 9) Multiply 9 times 5 (= 45) Subtract 45 from 46 (= 1) Bring down the 8</div> <div>Divide 5 into 18 (= 3) Multiply 3 times 5 (= 15) Subtract 15 from 18 (= 3) Done. No more numbers to bring down.</div>
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