

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>2 9977</div>	<div>(2)</div> <div>4 9259</div>	<div>(3)</div> <div>9 4336</div>
------------------------------------	------------------------------------	------------------------------------

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

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div><div>(1)</div><div><div>4988 R1</div><div>2</div><div><div>9977</div><div>- 8</div><div>19</div><div>- 18</div><div>17</div><div>- 16</div><div>17</div><div>- 16</div><div>1</div></div><div><div>(4 x 2)</div><div>(9 x 2)</div><div>(8 x 2)</div><div>(8 x 2)</div></div></div><div>Remainder --></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 2 into 9 (= 4) Multiply 4 times 2 (= 8) Subtract 8 from 9 (= 1) Bring down the 9 Divide 2 into 19 (= 9) Multiply 9 times 2 (= 18) Subtract 18 from 19 (= 1) Bring down the 7 Divide 2 into 17 (= 8) Multiply 8 times 2 (= 16) Subtract 16 from 17 (= 1) Bring down the 7 Divide 2 into 17 (= 8) Multiply 8 times 2 (= 16) Subtract 16 from 17 (= 1) Done. No more numbers to bring down.</div>	<div><div>(2)</div><div><div>2314 R3</div><div>4</div><div><div>9259</div><div>- 8</div><div>12</div><div>- 12</div><div>05</div><div>- 4</div><div>19</div><div>- 16</div><div>3</div></div><div><div>(2 x 4)</div><div>(3 x 4)</div><div>(1 x 4)</div><div>(4 x 4)</div></div></div><div>Remainder --></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 4 into 9 (= 2) Multiply 2 times 4 (= 8) Subtract 8 from 9 (= 1) Bring down the 2 Divide 4 into 12 (= 3) Multiply 3 times 4 (= 12) Subtract 12 from 12 (= 0) Bring down the 5 Divide 4 into 05 (= 1) Multiply 1 times 4 (= 4) Subtract 4 from 05 (= 1) Bring down the 9 Divide 4 into 19 (= 4) Multiply 4 times 4 (= 16) Subtract 16 from 19 (= 3) Done. No more numbers to bring down.</div>	<div><div>(3)</div><div><div>481 R7</div><div>9</div><div><div>4336</div><div>- 36</div><div>73</div><div>- 72</div><div>16</div><div>- 9</div><div>7</div></div><div><div>(4 x 9)</div><div>(8 x 9)</div><div>(1 x 9)</div></div></div><div>Remainder --></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 9 into 43 (= 4) Multiply 4 times 9 (= 36) Subtract 36 from 43 (= 7) Bring down the 3 Divide 9 into 73 (= 8) Multiply 8 times 9 (= 72) Subtract 72 from 73 (= 1) Bring down the 6 Divide 9 into 16 (= 1) Multiply 1 times 9 (= 9) Subtract 9 from 16 (= 7) Done. No more numbers to bring down.</div>
--	---	--