

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>$4 \overline{) 177}$</div>	<div>(2)</div> <div>$2 \overline{) 839}$</div>	<div>(3)</div> <div>$4 \overline{) 305}$</div>
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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>(1)</div> <div><div><div>44 R1</div><div>4</div><div>177</div><div>- 16</div><div>17</div><div>- 16</div><div>1</div></div><div><div>(4 x 4)</div><div>(4 x 4)</div></div></div> <div>Remainder --> 1</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 4 into 17 (= 4)</div> <div>Multiply 4 times 4 (= 16)</div> <div>Subtract 16 from 17 (= 1)</div> <div>Bring down the 7</div> <div>Divide 4 into 17 (= 4)</div> <div>Multiply 4 times 4 (= 16)</div> <div>Subtract 16 from 17 (= 1)</div> <div>Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>419 R1</div><div>2</div><div>839</div><div>- 8</div><div>03</div><div>- 2</div><div>19</div><div>- 18</div><div>1</div></div><div><div>(4 x 2)</div><div>(1 x 2)</div><div>(9 x 2)</div></div></div> <div>Remainder --> 1</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 2 into 8 (= 4)</div> <div>Multiply 4 times 2 (= 8)</div> <div>Subtract 8 from 8 (= 0)</div> <div>Bring down the 3</div> <div>Divide 2 into 03 (= 1)</div> <div>Multiply 1 times 2 (= 2)</div> <div>Subtract 2 from 03 (= 1)</div> <div>Bring down the 9</div> <div>Divide 2 into 19 (= 9)</div> <div>Multiply 9 times 2 (= 18)</div> <div>Subtract 18 from 19 (= 1)</div> <div>Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>76 R1</div><div>4</div><div>305</div><div>- 28</div><div>25</div><div>- 24</div><div>1</div></div><div><div>(7 x 4)</div><div>(6 x 4)</div></div></div> <div>Remainder --> 1</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 4 into 30 (= 7)</div> <div>Multiply 7 times 4 (= 28)</div> <div>Subtract 28 from 30 (= 2)</div> <div>Bring down the 5</div> <div>Divide 4 into 25 (= 6)</div> <div>Multiply 6 times 4 (= 24)</div> <div>Subtract 24 from 25 (= 1)</div> <div>Done. No more numbers to bring down.</div>
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