

# 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 <math>\overline{) 251}</math></div>	<div>(2)</div> <div>3 <math>\overline{) 757}</math></div>	<div>(3)</div> <div>7 <math>\overline{) 185}</math></div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>62 R3</div><div>4<div>251</div><div>- 24</div><div>11</div><div>- 8</div></div><div>( 6 x 4 )</div><div>( 2 x 4 )</div><div>Remainder --&gt; 3</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 4 into 25 ( = 6 ) Multiply 6 times 4 ( = 24 ) Subtract 24 from 25 ( = 1 ) Bring down the 1  Divide 4 into 11 ( = 2 ) Multiply 2 times 4 ( = 8 ) Subtract 8 from 11 ( = 3 ) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>252 R1</div><div>3<div>757</div><div>- 6</div><div>15</div><div>- 15</div><div>07</div><div>- 6</div></div><div>( 2 x 3 )</div><div>( 5 x 3 )</div><div>( 2 x 3 )</div><div>Remainder --&gt; 1</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 3 into 7 ( = 2 ) Multiply 2 times 3 ( = 6 ) Subtract 6 from 7 ( = 1 ) Bring down the 5  Divide 3 into 15 ( = 5 ) Multiply 5 times 3 ( = 15 ) Subtract 15 from 15 ( = 0 ) Bring down the 7  Divide 3 into 07 ( = 2 ) Multiply 2 times 3 ( = 6 ) Subtract 6 from 07 ( = 1 ) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>26 R3</div><div>7<div>185</div><div>- 14</div><div>45</div><div>- 42</div></div><div>( 2 x 7 )</div><div>( 6 x 7 )</div><div>Remainder --&gt; 3</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 7 into 18 ( = 2 ) Multiply 2 times 7 ( = 14 ) Subtract 14 from 18 ( = 4 ) Bring down the 5  Divide 7 into 45 ( = 6 ) Multiply 6 times 7 ( = 42 ) Subtract 42 from 45 ( = 3 ) Done. No more numbers to bring down.</div></div>
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