

# 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><math display="block">3 \overline{) 37}</math></div>	<div>(2)</div> <div><math display="block">3 \overline{) 79}</math></div>	<div>(3)</div> <div><math display="block">8 \overline{) 77}</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>12 R1</div><div>3<div>37</div><div>- 3</div><div>07</div><div>- 6</div></div><div>( 1 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 3 ( = 1 ) Multiply 1 times 3 ( = 3 ) Subtract 3 from 3 ( = 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>(2)<div><div>26 R1</div><div>3<div>79</div><div>- 6</div><div>19</div><div>- 18</div></div><div>( 2 x 3 )</div><div>( 6 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 9  Divide 3 into 19 ( = 6 ) Multiply 6 times 3 ( = 18 ) Subtract 18 from 19 ( = 1 ) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>9 R5</div><div>8<div>77</div><div>- 72</div></div><div>( 9 x 8 )</div><div>Remainder --&gt; 5</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 8 into 77 ( = 9 ) Multiply 9 times 8 ( = 72 ) Subtract 72 from 77 ( = 5 ) Done. No more numbers to bring down.</div></div>
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