

# 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>16 <math>\overline{) 911}</math></div>	<div>(2)</div> <div>16 <math>\overline{) 529}</math></div>	<div>(3)</div> <div>91 <math>\overline{) 155}</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>56 R15</div><div>16   911</div><div>- 80</div><div>111</div><div>- 96</div><div>15</div></div><div>(5 x 16)</div><div>(6 x 16)</div><div>Remainder --&gt; 15</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 16 into 91 ( = 5 ) Multiply 5 times 16 ( = 80 ) Subtract 80 from 91 ( = 11 ) Bring down the 1</div> <div>Divide 16 into 111 ( = 6 ) Multiply 6 times 16 ( = 96 ) Subtract 96 from 111 ( = 15 ) Done. No more numbers to bring down.</div>	<div>(2)<div><div>33 R1</div><div>16   529</div><div>- 48</div><div>49</div><div>- 48</div><div>1</div></div><div>(3 x 16)</div><div>(3 x 16)</div><div>Remainder --&gt; 1</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 16 into 52 ( = 3 ) Multiply 3 times 16 ( = 48 ) Subtract 48 from 52 ( = 4 ) Bring down the 9</div> <div>Divide 16 into 49 ( = 3 ) Multiply 3 times 16 ( = 48 ) Subtract 48 from 49 ( = 1 ) Done. No more numbers to bring down.</div>	<div>(3)<div><div>1 R64</div><div>91   155</div><div>- 91</div><div>64</div></div><div>(1 x 91)</div><div>Remainder --&gt; 64</div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 91 into 155 ( = 1 ) Multiply 1 times 91 ( = 91 ) Subtract 91 from 155 ( = 64 ) Done. No more numbers to bring down.</div>
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