

# 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>901 <math>\overline{)2538}</math></div>	<div>(2)</div> <div>961 <math>\overline{)5685}</math></div>	<div>(3)</div> <div>540 <math>\overline{)9195}</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><div><div>2 R736</div><div>901   2538</div><div>- 1802</div><div>-----</div><div>736</div></div><div>( 2 x 901 )</div></div> <div>Remainder --&gt;</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 901 into 2538 ( = 2 )</div> <div>Multiply 2 times 901 ( = 1802 )</div> <div>Subtract 1802 from 2538 ( = 736 )</div> <div>Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>5 R880</div><div>961   5685</div><div>- 4805</div><div>-----</div><div>880</div></div><div>( 5 x 961 )</div></div> <div>Remainder --&gt;</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 961 into 5685 ( = 5 )</div> <div>Multiply 5 times 961 ( = 4805 )</div> <div>Subtract 4805 from 5685 ( = 880 )</div> <div>Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>17 R15</div><div>540   9195</div><div>- 540</div><div>-----</div><div>3795</div><div>- 3780</div><div>-----</div><div>15</div></div><div>( 1 x 540 )</div><div>( 7 x 540 )</div></div> <div>Remainder --&gt;</div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 540 into 919 ( = 1 )</div> <div>Multiply 1 times 540 ( = 540 )</div> <div>Subtract 540 from 919 ( = 379 )</div> <div>Bring down the 5</div> <div>Divide 540 into 3795 ( = 7 )</div> <div>Multiply 7 times 540 ( = 3780 )</div> <div>Subtract 3780 from 3795 ( = 15 )</div> <div>Done. No more numbers to bring down.</div>
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