

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>53 $\overline{)640}$</div>	<div>(2)</div> <div>22 $\overline{)840}$</div>	<div>(3)</div> <div>57 $\overline{)950}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div><div>(1)</div><div><div><div>12 R4</div><div>53 640</div><div><div>- 53</div><div>110</div><div>- 106</div></div><div>Remainder --> 4</div></div><div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 53 into 64 (= 1)</div><div>Multiply 1 times 53 (= 53)</div><div>Subtract 53 from 64 (= 11)</div><div>Bring down the 0</div><div>Divide 53 into 110 (= 2)</div><div>Multiply 2 times 53 (= 106)</div><div>Subtract 106 from 110 (= 4)</div><div>Done. No more numbers to bring down.</div></div></div></div>	<div><div>(2)</div><div><div><div>38 R4</div><div>22 840</div><div><div>- 66</div><div>180</div><div>- 176</div></div><div>Remainder --> 4</div></div><div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 22 into 84 (= 3)</div><div>Multiply 3 times 22 (= 66)</div><div>Subtract 66 from 84 (= 18)</div><div>Bring down the 0</div><div>Divide 22 into 180 (= 8)</div><div>Multiply 8 times 22 (= 176)</div><div>Subtract 176 from 180 (= 4)</div><div>Done. No more numbers to bring down.</div></div></div></div>	<div><div>(3)</div><div><div><div>16 R38</div><div>57 950</div><div><div>- 57</div><div>380</div><div>- 342</div></div><div>Remainder --> 38</div></div><div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 57 into 95 (= 1)</div><div>Multiply 1 times 57 (= 57)</div><div>Subtract 57 from 95 (= 38)</div><div>Bring down the 0</div><div>Divide 57 into 380 (= 6)</div><div>Multiply 6 times 57 (= 342)</div><div>Subtract 342 from 380 (= 38)</div><div>Done. No more numbers to bring down.</div></div></div></div>
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