

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>35 4339</div>	<div>(2)</div> <div>93 2070</div>	<div>(3)</div> <div>31 3579</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>123 R34</div><div>35 4339</div><div><div>- 35</div><div>83</div><div>- 70</div><div>139</div><div>- 105</div><div>34</div></div></div><div><div>(1 x 35)</div><div>(2 x 35)</div><div>(3 x 35)</div></div></div><div>Remainder --></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 35 into 43 (= 1) Multiply 1 times 35 (= 35) Subtract 35 from 43 (= 8) Bring down the 3</div><div>Divide 35 into 83 (= 2) Multiply 2 times 35 (= 70) Subtract 70 from 83 (= 13) Bring down the 9</div><div>Divide 35 into 139 (= 3) Multiply 3 times 35 (= 105) Subtract 105 from 139 (= 34) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div><div>22 R24</div><div>93 2070</div><div><div>- 186</div><div>210</div><div>- 186</div><div>24</div></div></div><div><div>(2 x 93)</div><div>(2 x 93)</div></div></div><div>Remainder --></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 93 into 207 (= 2) Multiply 2 times 93 (= 186) Subtract 186 from 207 (= 21) Bring down the 0</div><div>Divide 93 into 210 (= 2) Multiply 2 times 93 (= 186) Subtract 186 from 210 (= 24) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div><div>115 R14</div><div>31 3579</div><div><div>- 31</div><div>47</div><div>- 31</div><div>169</div><div>- 155</div><div>14</div></div></div><div><div>(1 x 31)</div><div>(1 x 31)</div><div>(5 x 31)</div></div></div><div>Remainder --></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 31 into 35 (= 1) Multiply 1 times 31 (= 31) Subtract 31 from 35 (= 4) Bring down the 7</div><div>Divide 31 into 47 (= 1) Multiply 1 times 31 (= 31) Subtract 31 from 47 (= 16) Bring down the 9</div><div>Divide 31 into 169 (= 5) Multiply 5 times 31 (= 155) Subtract 155 from 169 (= 14) Done. No more numbers to bring down.</div></div>
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