

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

(1) <div>89 4891</div>	(2) <div>84 2791</div>	(3) <div>64 2858</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>54 R85</div><div>89 4891</div><div>- 445</div><div>441</div><div>- 356</div><div>85</div></div><div>Remainder --> 85</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 89 into 489 (= 5)</div><div>Multiply 5 times 89 (= 445)</div><div>Subtract 445 from 489 (= 44)</div><div>Bring down the 1</div><div>Divide 89 into 441 (= 4)</div><div>Multiply 4 times 89 (= 356)</div><div>Subtract 356 from 441 (= 85)</div><div>Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>33 R19</div><div>84 2791</div><div>- 252</div><div>271</div><div>- 252</div><div>19</div></div><div>Remainder --> 19</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 84 into 279 (= 3)</div><div>Multiply 3 times 84 (= 252)</div><div>Subtract 252 from 279 (= 27)</div><div>Bring down the 1</div><div>Divide 84 into 271 (= 3)</div><div>Multiply 3 times 84 (= 252)</div><div>Subtract 252 from 271 (= 19)</div><div>Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>44 R42</div><div>64 2858</div><div>- 256</div><div>298</div><div>- 256</div><div>42</div></div><div>Remainder --> 42</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 64 into 285 (= 4)</div><div>Multiply 4 times 64 (= 256)</div><div>Subtract 256 from 285 (= 29)</div><div>Bring down the 8</div><div>Divide 64 into 298 (= 4)</div><div>Multiply 4 times 64 (= 256)</div><div>Subtract 256 from 298 (= 42)</div><div>Done. No more numbers to bring down.</div></div>
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