

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>57 80909</div>	(2) <div>99 70423</div>	(3) <div>46 80024</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>1419R26</div><div>57</div><div>80909</div><div><div><div>-57</div><div>(1x57)</div></div><div><div>239</div><div>-228</div><div>(4x57)</div><div>110</div><div>-57</div><div>(1x57)</div><div>539</div><div>-513</div><div>(9x57)</div></div></div></div><div>Remainder-->26</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 57 into 80 (= 1) Multiply 1 times 57 (= 57) Subtract 57 from 80 (= 23) Bring down the 9 Divide 57 into 239 (= 4) Multiply 4 times 57 (= 228) Subtract 228 from 239 (= 11) Bring down the 0 Divide 57 into 110 (= 1) Multiply 1 times 57 (= 57) Subtract 57 from 110 (= 53) Bring down the 9 Divide 57 into 539 (= 9) Multiply 9 times 57 (= 513) Subtract 513 from 539 (= 26) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div><div>711R34</div><div>99</div><div>70423</div><div><div><div>-693</div><div>(7x99)</div></div><div><div>112</div><div>-99</div><div>(1x99)</div><div>133</div><div>-99</div><div>(1x99)</div></div></div></div><div>Remainder-->34</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 99 into 704 (= 7) Multiply 7 times 99 (= 693) Subtract 693 from 704 (= 11) Bring down the 2 Divide 99 into 112 (= 1) Multiply 1 times 99 (= 99) Subtract 99 from 112 (= 13) Bring down the 3 Divide 99 into 133 (= 1) Multiply 1 times 99 (= 99) Subtract 99 from 133 (= 34) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div><div>1739R30</div><div>46</div><div>80024</div><div><div><div>-46</div><div>(1x46)</div></div><div><div>340</div><div>-322</div><div>(7x46)</div><div>182</div><div>-138</div><div>(3x46)</div><div>444</div><div>-414</div><div>(9x46)</div></div></div></div><div>Remainder-->30</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 46 into 80 (= 1) Multiply 1 times 46 (= 46) Subtract 46 from 80 (= 34) Bring down the 0 Divide 46 into 340 (= 7) Multiply 7 times 46 (= 322) Subtract 322 from 340 (= 18) Bring down the 2 Divide 46 into 182 (= 3) Multiply 3 times 46 (= 138) Subtract 138 from 182 (= 44) Bring down the 4 Divide 46 into 444 (= 9) Multiply 9 times 46 (= 414) Subtract 414 from 444 (= 30) Done. No more numbers to bring down.</div></div>
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