

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>248 4840699</div>	<div>(2)</div> <div>968 1085133</div>	<div>(3)</div> <div>108 5514953</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>19518 R235</div><div>248<div>4840699</div><div><div><div>- 248</div><div>(1 x 248)</div></div><div><div>2360</div><div>- 2232</div><div>(9 x 248)</div></div><div><div>1286</div><div>- 1240</div><div>(5 x 248)</div></div><div><div>469</div><div>- 248</div><div>(1 x 248)</div></div><div><div>2219</div><div>- 1984</div><div>(8 x 248)</div></div></div><div>Remainder --> 235</div></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 248 into 484 (= 1) Multiply 1 times 248 (= 248) Subtract 248 from 484 (= 236) Bring down the 0</div><div>Divide 248 into 2360 (= 9) Multiply 9 times 248 (= 2232) Subtract 2232 from 2360 (= 128) Bring down the 6</div><div>Divide 248 into 1286 (= 5) Multiply 5 times 248 (= 1240) Subtract 1240 from 1286 (= 46) Bring down the 9</div><div>Divide 248 into 469 (= 1) Multiply 1 times 248 (= 248) Subtract 248 from 469 (= 221) Bring down the 9</div><div>Divide 248 into 2219 (= 8) Multiply 8 times 248 (= 1984) Subtract 1984 from 2219 (= 235) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>1121 R5</div><div>968<div>1085133</div><div><div><div>- 968</div><div>(1 x 968)</div></div><div><div>1171</div><div>- 968</div><div>(1 x 968)</div></div><div><div>2033</div><div>- 1936</div><div>(2 x 968)</div></div><div><div>973</div><div>- 968</div><div>(1 x 968)</div></div></div><div>Remainder --> 5</div></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 968 into 1085 (= 1) Multiply 1 times 968 (= 968) Subtract 968 from 1085 (= 117) Bring down the 1</div><div>Divide 968 into 1171 (= 1) Multiply 1 times 968 (= 968) Subtract 968 from 1171 (= 203) Bring down the 3</div><div>Divide 968 into 2033 (= 2) Multiply 2 times 968 (= 1936) Subtract 1936 from 2033 (= 97) Bring down the 3</div><div>Divide 968 into 973 (= 1) Multiply 1 times 968 (= 968) Subtract 968 from 973 (= 5) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>51064 R41</div><div>108<div>5514953</div><div><div><div>- 540</div><div>(5 x 108)</div></div><div><div>114</div><div>- 108</div><div>(1 x 108)</div></div><div><div>69</div><div>- 0</div><div>(0 x 108)</div></div><div><div>695</div><div>- 648</div><div>(6 x 108)</div></div><div><div>473</div><div>- 432</div><div>(4 x 108)</div></div></div><div>Remainder --> 41</div></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 108 into 551 (= 5) Multiply 5 times 108 (= 540) Subtract 540 from 551 (= 11) Bring down the 4</div><div>Divide 108 into 114 (= 1) Multiply 1 times 108 (= 108) Subtract 108 from 114 (= 6) Bring down the 9</div><div>Divide 108 into 69 (= 0) Multiply 0 times 108 (= 0) Subtract 0 from 69 (= 69) Bring down the 5</div><div>Divide 108 into 695 (= 6) Multiply 6 times 108 (= 648) Subtract 648 from 695 (= 47) Bring down the 3</div><div>Divide 108 into 473 (= 4) Multiply 4 times 108 (= 432) Subtract 432 from 473 (= 41) Done. No more numbers to bring down.</div></div>
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