

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>81 358408</div>	(2) <div>59 545609</div>	(3) <div>50 175664</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><div>4424 R64</div><div>81 358408</div><div><div><div>- 324</div><div>344</div><div>- 324</div><div>200</div><div>- 162</div><div>388</div><div>- 324</div></div><div>(4 x 81)</div><div>(4 x 81)</div><div>(2 x 81)</div><div>(4 x 81)</div></div><div>Remainder --> 64</div></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 81 into 358 (= 4) Multiply 4 times 81 (= 324) Subtract 324 from 358 (= 34) Bring down the 4</div> <div>Divide 81 into 344 (= 4) Multiply 4 times 81 (= 324) Subtract 324 from 344 (= 20) Bring down the 0</div> <div>Divide 81 into 200 (= 2) Multiply 2 times 81 (= 162) Subtract 162 from 200 (= 38) Bring down the 8</div> <div>Divide 81 into 388 (= 4) Multiply 4 times 81 (= 324) Subtract 324 from 388 (= 64) Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>9247 R36</div><div>59 545609</div><div><div><div>- 531</div><div>146</div><div>- 118</div><div>280</div><div>- 236</div><div>449</div><div>- 413</div></div><div>(9 x 59)</div><div>(2 x 59)</div><div>(4 x 59)</div><div>(7 x 59)</div></div><div>Remainder --> 36</div></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 59 into 545 (= 9) Multiply 9 times 59 (= 531) Subtract 531 from 545 (= 14) Bring down the 6</div> <div>Divide 59 into 146 (= 2) Multiply 2 times 59 (= 118) Subtract 118 from 146 (= 28) Bring down the 0</div> <div>Divide 59 into 280 (= 4) Multiply 4 times 59 (= 236) Subtract 236 from 280 (= 44) Bring down the 9</div> <div>Divide 59 into 449 (= 7) Multiply 7 times 59 (= 413) Subtract 413 from 449 (= 36) Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>3513 R14</div><div>50 175664</div><div><div><div>- 150</div><div>256</div><div>- 250</div><div>66</div><div>- 50</div><div>164</div><div>- 150</div></div><div>(3 x 50)</div><div>(5 x 50)</div><div>(1 x 50)</div><div>(3 x 50)</div></div><div>Remainder --> 14</div></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 50 into 175 (= 3) Multiply 3 times 50 (= 150) Subtract 150 from 175 (= 25) Bring down the 6</div> <div>Divide 50 into 256 (= 5) Multiply 5 times 50 (= 250) Subtract 250 from 256 (= 6) Bring down the 6</div> <div>Divide 50 into 66 (= 1) Multiply 1 times 50 (= 50) Subtract 50 from 66 (= 16) Bring down the 4</div> <div>Divide 50 into 164 (= 3) Multiply 3 times 50 (= 150) Subtract 150 from 164 (= 14) Done. No more numbers to bring down.</div>
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