

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>230 550820</div>	<div>(2)</div> <div>431 732471</div>	<div>(3)</div> <div>788 218525</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> <div> <div> <div>2394</div> <div>R200</div> </div> <div> <div>230</div> <div>550820</div> </div> <div> <div>- 460</div> <div>(2 x 230)</div> </div> <div> <div>908</div> <div>- 690</div> <div>(3 x 230)</div> </div> <div> <div>2182</div> <div>- 2070</div> <div>(9 x 230)</div> </div> <div> <div>1120</div> <div>- 920</div> <div>(4 x 230)</div> </div> <div> <div>Remainder --></div> <div>200</div> </div> </div> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 230 into 550 (= 2) Multiply 2 times 230 (= 460) Subtract 460 from 550 (= 90) Bring down the 8</p> <p>Divide 230 into 908 (= 3) Multiply 3 times 230 (= 690) Subtract 690 from 908 (= 218) Bring down the 2</p> <p>Divide 230 into 2182 (= 9) Multiply 9 times 230 (= 2070) Subtract 2070 from 2182 (= 112) Bring down the 0</p> <p>Divide 230 into 1120 (= 4) Multiply 4 times 230 (= 920) Subtract 920 from 1120 (= 200) Done. No more numbers to bring down.</p>	<p>(2)</p> <div> <div> <div>1699</div> <div>R202</div> </div> <div> <div>431</div> <div>732471</div> </div> <div> <div>- 431</div> <div>(1 x 431)</div> </div> <div> <div>3014</div> <div>- 2586</div> <div>(6 x 431)</div> </div> <div> <div>4287</div> <div>- 3879</div> <div>(9 x 431)</div> </div> <div> <div>4081</div> <div>- 3879</div> <div>(9 x 431)</div> </div> <div> <div>Remainder --></div> <div>202</div> </div> </div> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 431 into 732 (= 1) Multiply 1 times 431 (= 431) Subtract 431 from 732 (= 301) Bring down the 4</p> <p>Divide 431 into 3014 (= 6) Multiply 6 times 431 (= 2586) Subtract 2586 from 3014 (= 428) Bring down the 7</p> <p>Divide 431 into 4287 (= 9) Multiply 9 times 431 (= 3879) Subtract 3879 from 4287 (= 408) Bring down the 1</p> <p>Divide 431 into 4081 (= 9) Multiply 9 times 431 (= 3879) Subtract 3879 from 4081 (= 202) Done. No more numbers to bring down.</p>	<p>(3)</p> <div> <div> <div>277</div> <div>R249</div> </div> <div> <div>788</div> <div>218525</div> </div> <div> <div>- 1576</div> <div>(2 x 788)</div> </div> <div> <div>6092</div> <div>- 5516</div> <div>(7 x 788)</div> </div> <div> <div>5765</div> <div>- 5516</div> <div>(7 x 788)</div> </div> <div> <div>Remainder --></div> <div>249</div> </div> </div> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 788 into 2185 (= 2) Multiply 2 times 788 (= 1576) Subtract 1576 from 2185 (= 609) Bring down the 2</p> <p>Divide 788 into 6092 (= 7) Multiply 7 times 788 (= 5516) Subtract 5516 from 6092 (= 576) Bring down the 5</p> <p>Divide 788 into 5765 (= 7) Multiply 7 times 788 (= 5516) Subtract 5516 from 5765 (= 249) Done. No more numbers to bring down.</p>
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