

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>31 $\overline{) 3011}$</div>	<div>(2)</div> <div>46 $\overline{) 7800}$</div>	<div>(3)</div> <div>63 $\overline{) 3572}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>97 R4</div><div>31 3011</div><div>- 279</div><div>221</div><div>- 217</div><div>4</div></div><div>Remainder --> 4</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 31 into 301 (= 9) Multiply 9 times 31 (= 279) Subtract 279 from 301 (= 22) Bring down the 1 Divide 31 into 221 (= 7) Multiply 7 times 31 (= 217) Subtract 217 from 221 (= 4) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>169 R26</div><div>46 7800</div><div>- 46</div><div>320</div><div>- 276</div><div>440</div><div>- 414</div><div>26</div></div><div>Remainder --> 26</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 46 into 78 (= 1) Multiply 1 times 46 (= 46) Subtract 46 from 78 (= 32) Bring down the 0 Divide 46 into 320 (= 6) Multiply 6 times 46 (= 276) Subtract 276 from 320 (= 44) Bring down the 0 Divide 46 into 440 (= 9) Multiply 9 times 46 (= 414) Subtract 414 from 440 (= 26) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>56 R44</div><div>63 3572</div><div>- 315</div><div>422</div><div>- 378</div><div>44</div></div><div>Remainder --> 44</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 63 into 357 (= 5) Multiply 5 times 63 (= 315) Subtract 315 from 357 (= 42) Bring down the 2 Divide 63 into 422 (= 6) Multiply 6 times 63 (= 378) Subtract 378 from 422 (= 44) Done. No more numbers to bring down.</div></div>
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