

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>372 14329</div>	<div>(2)</div> <div>383 34829</div>	<div>(3)</div> <div>527 31005</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>38 R193</div><div>372 14329</div><div>- 1116 (3 x 372)</div><div>3169</div><div>- 2976 (8 x 372)</div><div>193</div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 372 into 1432 (= 3) Multiply 3 times 372 (= 1116) Subtract 1116 from 1432 (= 316) Bring down the 9</div><div>Divide 372 into 3169 (= 8) Multiply 8 times 372 (= 2976) Subtract 2976 from 3169 (= 193) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>90 R359</div><div>383 34829</div><div>- 3447 (9 x 383)</div><div>359</div><div>- 0 (0 x 383)</div><div>359</div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 383 into 3482 (= 9) Multiply 9 times 383 (= 3447) Subtract 3447 from 3482 (= 35) Bring down the 9</div><div>Divide 383 into 359 (= 0) Multiply 0 times 383 (= 0) Subtract 0 from 359 (= 359) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>58 R439</div><div>527 31005</div><div>- 2635 (5 x 527)</div><div>4655</div><div>- 4216 (8 x 527)</div><div>439</div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 527 into 3100 (= 5) Multiply 5 times 527 (= 2635) Subtract 2635 from 3100 (= 465) Bring down the 5</div><div>Divide 527 into 4655 (= 8) Multiply 8 times 527 (= 4216) Subtract 4216 from 4655 (= 439) Done. No more numbers to bring down.</div></div>
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