

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>47 $\overline{)74675}$</div>	<div>(2)</div> <div>69 $\overline{)40390}$</div>	<div>(3)</div> <div>98 $\overline{)12564}$</div>
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Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)</div> <div><div><div>1588 R39</div><div>47</div><div>74675</div><div>- 47</div><div>276</div><div>- 235</div><div>417</div><div>- 376</div><div>415</div><div>- 376</div><div>39</div></div><div><div>(1 x 47)</div><div>(5 x 47)</div><div>(8 x 47)</div><div>(8 x 47)</div></div></div> <div>Remainder --></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 47 into 74 (= 1)</div> <div>Multiply 1 times 47 (= 47)</div> <div>Subtract 47 from 74 (= 27)</div> <div>Bring down the 6</div> <div>Divide 47 into 276 (= 5)</div> <div>Multiply 5 times 47 (= 235)</div> <div>Subtract 235 from 276 (= 41)</div> <div>Bring down the 7</div> <div>Divide 47 into 417 (= 8)</div> <div>Multiply 8 times 47 (= 376)</div> <div>Subtract 376 from 417 (= 41)</div> <div>Bring down the 5</div> <div>Divide 47 into 415 (= 8)</div> <div>Multiply 8 times 47 (= 376)</div> <div>Subtract 376 from 415 (= 39)</div> <div>Done. No more numbers to bring down.</div>	<div>(2)</div> <div><div><div>585 R25</div><div>69</div><div>40390</div><div>- 345</div><div>589</div><div>- 552</div><div>370</div><div>- 345</div><div>25</div></div><div><div>(5 x 69)</div><div>(8 x 69)</div><div>(5 x 69)</div></div></div> <div>Remainder --></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 69 into 403 (= 5)</div> <div>Multiply 5 times 69 (= 345)</div> <div>Subtract 345 from 403 (= 58)</div> <div>Bring down the 9</div> <div>Divide 69 into 589 (= 8)</div> <div>Multiply 8 times 69 (= 552)</div> <div>Subtract 552 from 589 (= 37)</div> <div>Bring down the 0</div> <div>Divide 69 into 370 (= 5)</div> <div>Multiply 5 times 69 (= 345)</div> <div>Subtract 345 from 370 (= 25)</div> <div>Done. No more numbers to bring down.</div>	<div>(3)</div> <div><div><div>128 R20</div><div>98</div><div>12564</div><div>- 98</div><div>276</div><div>- 196</div><div>804</div><div>- 784</div><div>20</div></div><div><div>(1 x 98)</div><div>(2 x 98)</div><div>(8 x 98)</div></div></div> <div>Remainder --></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 98 into 125 (= 1)</div> <div>Multiply 1 times 98 (= 98)</div> <div>Subtract 98 from 125 (= 27)</div> <div>Bring down the 6</div> <div>Divide 98 into 276 (= 2)</div> <div>Multiply 2 times 98 (= 196)</div> <div>Subtract 196 from 276 (= 80)</div> <div>Bring down the 4</div> <div>Divide 98 into 804 (= 8)</div> <div>Multiply 8 times 98 (= 784)</div> <div>Subtract 784 from 804 (= 20)</div> <div>Done. No more numbers to bring down.</div>
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