

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>4 $\overline{) 270}$</div>	(2) <div>7 $\overline{) 705}$</div>	(3) <div>4 $\overline{) 468}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>67 R2</div><div>4<div>270</div><div>- 24<div>(6 x 4)</div></div><div>30</div><div>- 28<div>(7 x 4)</div></div></div><div>Remainder --> 2</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 4 into 27 (= 6) Multiply 6 times 4 (= 24) Subtract 24 from 27 (= 3) Bring down the 0 Divide 4 into 30 (= 7) Multiply 7 times 4 (= 28) Subtract 28 from 30 (= 2) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>100 R5</div><div>7<div>705</div><div>- 7<div>(1 x 7)</div></div><div>00</div><div>- 0<div>(0 x 7)</div></div><div>05</div><div>- 0<div>(0 x 7)</div></div></div><div>Remainder --> 5</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 7 into 7 (= 1) Multiply 1 times 7 (= 7) Subtract 7 from 7 (= 0) Bring down the 0 Divide 7 into 00 (= 0) Multiply 0 times 7 (= 0) Subtract 0 from 00 (= 0) Bring down the 5 Divide 7 into 05 (= 0) Multiply 0 times 7 (= 0) Subtract 0 from 05 (= 5) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>117 R0</div><div>4<div>468</div><div>- 4<div>(1 x 4)</div></div><div>06</div><div>- 4<div>(1 x 4)</div></div><div>28</div><div>- 28<div>(7 x 4)</div></div></div><div>Remainder --> 0</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 4 into 4 (= 1) Multiply 1 times 4 (= 4) Subtract 4 from 4 (= 0) Bring down the 6 Divide 4 into 06 (= 1) Multiply 1 times 4 (= 4) Subtract 4 from 06 (= 2) Bring down the 8 Divide 4 into 28 (= 7) Multiply 7 times 4 (= 28) Subtract 28 from 28 (= 0) Done. No more numbers to bring down.</div></div>
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