

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>222 76599</div>	(2) <div>740 78764</div>	(3) <div>645 88010</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)</div> <div><div><div>345 R9</div><div>222 76599</div><div><div><div>- 666</div><div>999</div><div>- 888</div><div>1119</div><div>- 1110</div></div><div><div>(3 x 222)</div><div>(4 x 222)</div><div>(5 x 222)</div></div></div><div>Remainder --> 9</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 222 into 765 (= 3) Multiply 3 times 222 (= 666) Subtract 666 from 765 (= 99) Bring down the 9</div><div>Divide 222 into 999 (= 4) Multiply 4 times 222 (= 888) Subtract 888 from 999 (= 111) Bring down the 9</div><div>Divide 222 into 1119 (= 5) Multiply 5 times 222 (= 1110) Subtract 1110 from 1119 (= 9) Done. No more numbers to bring down.</div></div>	<div>(2)</div> <div><div><div>106 R324</div><div>740 78764</div><div><div><div>- 740</div><div>476</div><div>- 0</div><div>4764</div><div>- 4440</div></div><div><div>(1 x 740)</div><div>(0 x 740)</div><div>(6 x 740)</div></div></div><div>Remainder --> 324</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 740 into 787 (= 1) Multiply 1 times 740 (= 740) Subtract 740 from 787 (= 47) Bring down the 6</div><div>Divide 740 into 476 (= 0) Multiply 0 times 740 (= 0) Subtract 0 from 476 (= 476) Bring down the 4</div><div>Divide 740 into 4764 (= 6) Multiply 6 times 740 (= 4440) Subtract 4440 from 4764 (= 324) Done. No more numbers to bring down.</div></div>	<div>(3)</div> <div><div><div>136 R290</div><div>645 88010</div><div><div><div>- 645</div><div>2351</div><div>- 1935</div><div>4160</div><div>- 3870</div></div><div><div>(1 x 645)</div><div>(3 x 645)</div><div>(6 x 645)</div></div></div><div>Remainder --> 290</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 645 into 880 (= 1) Multiply 1 times 645 (= 645) Subtract 645 from 880 (= 235) Bring down the 1</div><div>Divide 645 into 2351 (= 3) Multiply 3 times 645 (= 1935) Subtract 1935 from 2351 (= 416) Bring down the 0</div><div>Divide 645 into 4160 (= 6) Multiply 6 times 645 (= 3870) Subtract 3870 from 4160 (= 290) Done. No more numbers to bring down.</div></div>
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