

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>408 169563</div>	(2) <div>960 706669</div>	(3) <div>285 238956</div>
--------------------------------	--------------------------------	--------------------------------

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

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

<div>(1)<div><div>415 R243</div><div>408 169563</div><div><div>- 1632</div><div>(4 x 408)</div><div>636</div><div>- 408</div><div>(1 x 408)</div><div>2283</div><div>- 2040</div><div>(5 x 408)</div></div><div>Remainder --> 243</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 408 into 1695 (= 4) Multiply 4 times 408 (= 1632) Subtract 1632 from 1695 (= 63) Bring down the 6</div><div>Divide 408 into 636 (= 1) Multiply 1 times 408 (= 408) Subtract 408 from 636 (= 228) Bring down the 3</div><div>Divide 408 into 2283 (= 5) Multiply 5 times 408 (= 2040) Subtract 2040 from 2283 (= 243) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>736 R109</div><div>960 706669</div><div><div>- 6720</div><div>(7 x 960)</div><div>3466</div><div>- 2880</div><div>(3 x 960)</div><div>5869</div><div>- 5760</div><div>(6 x 960)</div></div><div>Remainder --> 109</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 960 into 7066 (= 7) Multiply 7 times 960 (= 6720) Subtract 6720 from 7066 (= 346) Bring down the 6</div><div>Divide 960 into 3466 (= 3) Multiply 3 times 960 (= 2880) Subtract 2880 from 3466 (= 586) Bring down the 9</div><div>Divide 960 into 5869 (= 6) Multiply 6 times 960 (= 5760) Subtract 5760 from 5869 (= 109) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>838 R126</div><div>285 238956</div><div><div>- 2280</div><div>(8 x 285)</div><div>1095</div><div>- 855</div><div>(3 x 285)</div><div>2406</div><div>- 2280</div><div>(8 x 285)</div></div><div>Remainder --> 126</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 285 into 2389 (= 8) Multiply 8 times 285 (= 2280) Subtract 2280 from 2389 (= 109) Bring down the 5</div><div>Divide 285 into 1095 (= 3) Multiply 3 times 285 (= 855) Subtract 855 from 1095 (= 240) Bring down the 6</div><div>Divide 285 into 2406 (= 8) Multiply 8 times 285 (= 2280) Subtract 2280 from 2406 (= 126) Done. No more numbers to bring down.</div></div>
--	---	--