

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>452 $\overline{) 2760}$</div>	(2) <div>399 $\overline{) 9926}$</div>	(3) <div>746 $\overline{) 5203}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>6 R48</div><div>452<div>2760</div><div>- 2712</div><div>48</div></div><div>(6 x 452)</div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 452 into 2760 (= 6) Multiply 6 times 452 (= 2712) Subtract 2712 from 2760 (= 48) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>24 R350</div><div>399<div>9926</div><div>- 798</div><div>1946</div><div>- 1596</div><div>350</div></div><div>(2 x 399)</div><div>(4 x 399)</div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 399 into 992 (= 2) Multiply 2 times 399 (= 798) Subtract 798 from 992 (= 194) Bring down the 6 Divide 399 into 1946 (= 4) Multiply 4 times 399 (= 1596) Subtract 1596 from 1946 (= 350) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>6 R727</div><div>746<div>5203</div><div>- 4476</div><div>727</div></div><div>(6 x 746)</div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 746 into 5203 (= 6) Multiply 6 times 746 (= 4476) Subtract 4476 from 5203 (= 727) Done. No more numbers to bring down.</div></div>
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