

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>831 $\overline{)29996}$</div>	<div>(2)</div> <div>287 $\overline{)67522}$</div>	<div>(3)</div> <div>925 $\overline{)75065}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>36 R80</div><div>831<div>29996</div><div>- 2493<div>(3 x 831)</div></div><div>5066</div><div>- 4986<div>(6 x 831)</div></div><div>80</div></div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 831 into 2999 (= 3) Multiply 3 times 831 (= 2493) Subtract 2493 from 2999 (= 506) Bring down the 6 Divide 831 into 5066 (= 6) Multiply 6 times 831 (= 4986) Subtract 4986 from 5066 (= 80) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>235 R77</div><div>287<div>67522</div><div>- 574<div>(2 x 287)</div></div><div>1012</div><div>- 861<div>(3 x 287)</div></div><div>1512</div><div>- 1435<div>(5 x 287)</div></div><div>77</div></div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 287 into 675 (= 2) Multiply 2 times 287 (= 574) Subtract 574 from 675 (= 101) Bring down the 2 Divide 287 into 1012 (= 3) Multiply 3 times 287 (= 861) Subtract 861 from 1012 (= 151) Bring down the 2 Divide 287 into 1512 (= 5) Multiply 5 times 287 (= 1435) Subtract 1435 from 1512 (= 77) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>81 R140</div><div>925<div>75065</div><div>- 7400<div>(8 x 925)</div></div><div>1065</div><div>- 925<div>(1 x 925)</div></div><div>140</div></div><div>Remainder --></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 925 into 7506 (= 8) Multiply 8 times 925 (= 7400) Subtract 7400 from 7506 (= 106) Bring down the 5 Divide 925 into 1065 (= 1) Multiply 1 times 925 (= 925) Subtract 925 from 1065 (= 140) Done. No more numbers to bring down.</div></div>
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