

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>327 757909</div>	(2) <div>938 904463</div>	(3) <div>387 840543</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>2317 R250</div><div>327<div>757909</div><div>- 654<div>(2 x 327)</div></div><div>1039</div><div>- 981<div>(3 x 327)</div></div><div>580</div><div>- 327<div>(1 x 327)</div></div><div>2539</div><div>- 2289<div>(7 x 327)</div></div><div>Remainder --> 250</div></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 327 into 757 (= 2) Multiply 2 times 327 (= 654) Subtract 654 from 757 (= 103) Bring down the 9 Divide 327 into 1039 (= 3) Multiply 3 times 327 (= 981) Subtract 981 from 1039 (= 58) Bring down the 0 Divide 327 into 580 (= 1) Multiply 1 times 327 (= 327) Subtract 327 from 580 (= 253) Bring down the 9 Divide 327 into 2539 (= 7) Multiply 7 times 327 (= 2289) Subtract 2289 from 2539 (= 250) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>964 R231</div><div>938<div>904463</div><div>- 8442<div>(9 x 938)</div></div><div>6026</div><div>- 5628<div>(6 x 938)</div></div><div>3983</div><div>- 3752<div>(4 x 938)</div></div><div>Remainder --> 231</div></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 938 into 9044 (= 9) Multiply 9 times 938 (= 8442) Subtract 8442 from 9044 (= 602) Bring down the 6 Divide 938 into 6026 (= 6) Multiply 6 times 938 (= 5628) Subtract 5628 from 6026 (= 398) Bring down the 3 Divide 938 into 3983 (= 4) Multiply 4 times 938 (= 3752) Subtract 3752 from 3983 (= 231) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>2171 R366</div><div>387<div>840543</div><div>- 774<div>(2 x 387)</div></div><div>665</div><div>- 387<div>(1 x 387)</div></div><div>2784</div><div>- 2709<div>(7 x 387)</div></div><div>753</div><div>- 387<div>(1 x 387)</div></div><div>Remainder --> 366</div></div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 387 into 840 (= 2) Multiply 2 times 387 (= 774) Subtract 774 from 840 (= 66) Bring down the 5 Divide 387 into 665 (= 1) Multiply 1 times 387 (= 387) Subtract 387 from 665 (= 278) Bring down the 4 Divide 387 into 2784 (= 7) Multiply 7 times 387 (= 2709) Subtract 2709 from 2784 (= 75) Bring down the 3 Divide 387 into 753 (= 1) Multiply 1 times 387 (= 387) Subtract 387 from 753 (= 366) Done. No more numbers to bring down.</div></div>
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