

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>97 334336</div>	(2) <div>48 110741</div>	(3) <div>87 405506</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>3446 R74</div><div>97<div>334336</div><div>- 291<div>(3 x 97)</div></div><div>433</div><div>- 388<div>(4 x 97)</div></div><div>453</div><div>- 388<div>(4 x 97)</div></div><div>656</div><div>- 582<div>(6 x 97)</div></div></div><div>Remainder --> 74</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 97 into 334 (= 3) Multiply 3 times 97 (= 291) Subtract 291 from 334 (= 43) Bring down the 3 Divide 97 into 433 (= 4) Multiply 4 times 97 (= 388) Subtract 388 from 433 (= 45) Bring down the 3 Divide 97 into 453 (= 4) Multiply 4 times 97 (= 388) Subtract 388 from 453 (= 65) Bring down the 6 Divide 97 into 656 (= 6) Multiply 6 times 97 (= 582) Subtract 582 from 656 (= 74) Done. No more numbers to bring down.</div></div>	<div>(2)<div><div>2307 R5</div><div>48<div>110741</div><div>- 96<div>(2 x 48)</div></div><div>147</div><div>- 144<div>(3 x 48)</div></div><div>34</div><div>- 0<div>(0 x 48)</div></div><div>341</div><div>- 336<div>(7 x 48)</div></div></div><div>Remainder --> 5</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 48 into 110 (= 2) Multiply 2 times 48 (= 96) Subtract 96 from 110 (= 14) Bring down the 7 Divide 48 into 147 (= 3) Multiply 3 times 48 (= 144) Subtract 144 from 147 (= 3) Bring down the 4 Divide 48 into 34 (= 0) Multiply 0 times 48 (= 0) Subtract 0 from 34 (= 34) Bring down the 1 Divide 48 into 341 (= 7) Multiply 7 times 48 (= 336) Subtract 336 from 341 (= 5) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div>4660 R86</div><div>87<div>405506</div><div>- 348<div>(4 x 87)</div></div><div>575</div><div>- 522<div>(6 x 87)</div></div><div>530</div><div>- 522<div>(6 x 87)</div></div><div>86</div><div>- 0<div>(0 x 87)</div></div></div><div>Remainder --> 86</div></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 87 into 405 (= 4) Multiply 4 times 87 (= 348) Subtract 348 from 405 (= 57) Bring down the 5 Divide 87 into 575 (= 6) Multiply 6 times 87 (= 522) Subtract 522 from 575 (= 53) Bring down the 0 Divide 87 into 530 (= 6) Multiply 6 times 87 (= 522) Subtract 522 from 530 (= 8) Bring down the 6 Divide 87 into 86 (= 0) Multiply 0 times 87 (= 0) Subtract 0 from 86 (= 86) Done. No more numbers to bring down.</div></div>
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