

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>74 44988</div>	(2) <div>60 71283</div>	(3) <div>14 45530</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>607 R70</div><div>74<div>44988</div><div><div><div>- 444</div><div>58</div><div><div>- 0</div><div>588</div><div><div>- 518</div><div>70</div></div></div></div><div><div>(6 x 74)</div><div>(0 x 74)</div><div>(7 x 74)</div></div></div><div>Remainder --></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 74 into 449 (= 6) Multiply 6 times 74 (= 444) Subtract 444 from 449 (= 5) Bring down the 8</div><div>Divide 74 into 58 (= 0) Multiply 0 times 74 (= 0) Subtract 0 from 58 (= 58) Bring down the 8</div><div>Divide 74 into 588 (= 7) Multiply 7 times 74 (= 518) Subtract 518 from 588 (= 70) Done. No more numbers to bring down.</div></div></div></div>	<div>(2)<div><div>1188 R3</div><div>60<div>71283</div><div><div><div>- 60</div><div>112</div><div><div>- 60</div><div>528</div><div><div>- 480</div><div>483</div><div><div>- 480</div><div>3</div></div></div></div><div><div>(1 x 60)</div><div>(1 x 60)</div><div>(8 x 60)</div><div>(8 x 60)</div></div></div><div>Remainder --></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 60 into 71 (= 1) Multiply 1 times 60 (= 60) Subtract 60 from 71 (= 11) Bring down the 2</div><div>Divide 60 into 112 (= 1) Multiply 1 times 60 (= 60) Subtract 60 from 112 (= 52) Bring down the 8</div><div>Divide 60 into 528 (= 8) Multiply 8 times 60 (= 480) Subtract 480 from 528 (= 48) Bring down the 3</div><div>Divide 60 into 483 (= 8) Multiply 8 times 60 (= 480) Subtract 480 from 483 (= 3) Done. No more numbers to bring down.</div></div></div></div></div>	<div>(3)<div><div>3252 R2</div><div>14<div>45530</div><div><div><div>- 42</div><div>35</div><div><div>- 28</div><div>73</div><div><div>- 70</div><div>30</div><div><div>- 28</div><div>2</div></div></div></div><div><div>(3 x 14)</div><div>(2 x 14)</div><div>(5 x 14)</div><div>(2 x 14)</div></div></div><div>Remainder --></div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 14 into 45 (= 3) Multiply 3 times 14 (= 42) Subtract 42 from 45 (= 3) Bring down the 5</div><div>Divide 14 into 35 (= 2) Multiply 2 times 14 (= 28) Subtract 28 from 35 (= 7) Bring down the 3</div><div>Divide 14 into 73 (= 5) Multiply 5 times 14 (= 70) Subtract 70 from 73 (= 3) Bring down the 0</div><div>Divide 14 into 30 (= 2) Multiply 2 times 14 (= 28) Subtract 28 from 30 (= 2) Done. No more numbers to bring down.</div></div></div></div></div>
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