

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>8 $\overline{)82}$</div>	<div>(2)</div> <div>4 $\overline{)62}$</div>	<div>(3)</div> <div>7 $\overline{)20}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div>10 R2</div><div>8<div>82</div></div><div><div>- 8</div><div>(1 x 8)</div></div><div><div>02</div><div>(0 x 8)</div></div><div><div>- 0</div></div><div>Remainder --> 2</div></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 8 into 8 (= 1) Multiply 1 times 8 (= 8) Subtract 8 from 8 (= 0) Bring down the 2 Divide 8 into 02 (= 0) Multiply 0 times 8 (= 0) Subtract 0 from 02 (= 2) Done. No more numbers to bring down.</div>	<div>(2)<div><div>15 R2</div><div>4<div>62</div></div><div><div>- 4</div><div>(1 x 4)</div></div><div><div>22</div><div>(5 x 4)</div></div><div><div>- 20</div></div><div>Remainder --> 2</div></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 4 into 6 (= 1) Multiply 1 times 4 (= 4) Subtract 4 from 6 (= 2) Bring down the 2 Divide 4 into 22 (= 5) Multiply 5 times 4 (= 20) Subtract 20 from 22 (= 2) Done. No more numbers to bring down.</div>	<div>(3)<div><div>2 R6</div><div>7<div>20</div></div><div><div>- 14</div><div>(2 x 7)</div></div><div>Remainder --> 6</div></div></div> <div>Divide, Multiply, Subtract, Bring down, Repeat</div> <div>Divide 7 into 20 (= 2) Multiply 2 times 7 (= 14) Subtract 14 from 20 (= 6) Done. No more numbers to bring down.</div>
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