

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>22 $\overline{)7295}$</div>	<div>(2)</div> <div>84 $\overline{)6837}$</div>	<div>(3)</div> <div>89 $\overline{)5807}$</div>
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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<div>(1)<div><div><div>331R13</div><div>227295</div><div><div><div>-66</div><div>(3x22)</div></div><div><div>69</div><div>(3x22)</div></div><div><div>-66</div><div>(1x22)</div></div><div><div>35</div><div>-22</div></div><div><div>13</div></div></div></div><div>Remainder --> 13</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 22 into 72 (= 3) Multiply 3 times 22 (= 66) Subtract 66 from 72 (= 6) Bring down the 9</div><div>Divide 22 into 69 (= 3) Multiply 3 times 22 (= 66) Subtract 66 from 69 (= 3) Bring down the 5</div><div>Divide 22 into 35 (= 1) Multiply 1 times 22 (= 22) Subtract 22 from 35 (= 13) Done. No more numbers to bring down.</div></div></div>	<div>(2)<div><div><div>81R33</div><div>846837</div><div><div>-672</div><div>(8x84)</div></div><div><div>117</div><div>-84</div></div><div><div>33</div></div></div></div><div>Remainder --> 33</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 84 into 683 (= 8) Multiply 8 times 84 (= 672) Subtract 672 from 683 (= 11) Bring down the 7</div><div>Divide 84 into 117 (= 1) Multiply 1 times 84 (= 84) Subtract 84 from 117 (= 33) Done. No more numbers to bring down.</div></div>	<div>(3)<div><div><div>65R22</div><div>895807</div><div><div>-534</div><div>(6x89)</div></div><div><div>467</div><div>-445</div></div><div><div>22</div></div></div></div><div>Remainder --> 22</div><div>Divide, Multiply, Subtract, Bring down, Repeat</div><div>Divide 89 into 580 (= 6) Multiply 6 times 89 (= 534) Subtract 534 from 580 (= 46) Bring down the 7</div><div>Divide 89 into 467 (= 5) Multiply 5 times 89 (= 445) Subtract 445 from 467 (= 22) Done. No more numbers to bring down.</div></div>
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