

# 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>29   6217520</div>	(2) <div>19   9597970</div>	(3) <div>69   9337121</div>
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*Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"*

<p>(1)</p> <div> <div> <div>214397</div> <div>R7</div> </div> <div> <div>29</div> <div>6217520</div> </div> <div> <div>- 58</div> <div>( 2 x 29 )</div> </div> <div> <div>41</div> <div>- 29</div> <div>( 1 x 29 )</div> </div> <div> <div>127</div> <div>- 116</div> <div>( 4 x 29 )</div> </div> <div> <div>115</div> <div>- 87</div> <div>( 3 x 29 )</div> </div> <div> <div>282</div> <div>- 261</div> <div>( 9 x 29 )</div> </div> <div> <div>210</div> <div>- 203</div> <div>( 7 x 29 )</div> </div> <div> <div>Remainder --&gt;</div> <div>7</div> </div> </div> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 29 into 62 ( = 2 )  Multiply 2 times 29 ( = 58 )  Subtract 58 from 62 ( = 4 )  Bring down the 1</p> <p>Divide 29 into 41 ( = 1 )  Multiply 1 times 29 ( = 29 )  Subtract 29 from 41 ( = 12 )  Bring down the 7</p> <p>Divide 29 into 127 ( = 4 )  Multiply 4 times 29 ( = 116 )  Subtract 116 from 127 ( = 11 )  Bring down the 5</p> <p>Divide 29 into 115 ( = 3 )  Multiply 3 times 29 ( = 87 )  Subtract 87 from 115 ( = 28 )  Bring down the 2</p> <p>Divide 29 into 282 ( = 9 )  Multiply 9 times 29 ( = 261 )  Subtract 261 from 282 ( = 21 )  Bring down the 0</p> <p>Divide 29 into 210 ( = 7 )  Multiply 7 times 29 ( = 203 )  Subtract 203 from 210 ( = 7 )  Done. No more numbers to bring down.</p>	<p>(2)</p> <div> <div> <div>505156</div> <div>R6</div> </div> <div> <div>19</div> <div>9597970</div> </div> <div> <div>- 95</div> <div>( 5 x 19 )</div> </div> <div> <div>09</div> <div>- 0</div> <div>( 0 x 19 )</div> </div> <div> <div>97</div> <div>- 95</div> <div>( 5 x 19 )</div> </div> <div> <div>29</div> <div>- 19</div> <div>( 1 x 19 )</div> </div> <div> <div>107</div> <div>- 95</div> <div>( 5 x 19 )</div> </div> <div> <div>120</div> <div>- 114</div> <div>( 6 x 19 )</div> </div> <div> <div>Remainder --&gt;</div> <div>6</div> </div> </div> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 19 into 95 ( = 5 )  Multiply 5 times 19 ( = 95 )  Subtract 95 from 95 ( = 0 )  Bring down the 9</p> <p>Divide 19 into 09 ( = 0 )  Multiply 0 times 19 ( = 0 )  Subtract 0 from 09 ( = 9 )  Bring down the 7</p> <p>Divide 19 into 97 ( = 5 )  Multiply 5 times 19 ( = 95 )  Subtract 95 from 97 ( = 2 )  Bring down the 9</p> <p>Divide 19 into 29 ( = 1 )  Multiply 1 times 19 ( = 19 )  Subtract 19 from 29 ( = 10 )  Bring down the 7</p> <p>Divide 19 into 107 ( = 5 )  Multiply 5 times 19 ( = 95 )  Subtract 95 from 107 ( = 12 )  Bring down the 0</p> <p>Divide 19 into 120 ( = 6 )  Multiply 6 times 19 ( = 114 )  Subtract 114 from 120 ( = 6 )  Done. No more numbers to bring down.</p>	<p>(3)</p> <div> <div> <div>135320</div> <div>R41</div> </div> <div> <div>69</div> <div>9337121</div> </div> <div> <div>- 69</div> <div>( 1 x 69 )</div> </div> <div> <div>243</div> <div>- 207</div> <div>( 3 x 69 )</div> </div> <div> <div>367</div> <div>- 345</div> <div>( 5 x 69 )</div> </div> <div> <div>221</div> <div>- 207</div> <div>( 3 x 69 )</div> </div> <div> <div>142</div> <div>- 138</div> <div>( 2 x 69 )</div> </div> <div> <div>41</div> <div>- 0</div> <div>( 0 x 69 )</div> </div> <div> <div>Remainder --&gt;</div> <div>41</div> </div> </div> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 69 into 93 ( = 1 )  Multiply 1 times 69 ( = 69 )  Subtract 69 from 93 ( = 24 )  Bring down the 3</p> <p>Divide 69 into 243 ( = 3 )  Multiply 3 times 69 ( = 207 )  Subtract 207 from 243 ( = 36 )  Bring down the 7</p> <p>Divide 69 into 367 ( = 5 )  Multiply 5 times 69 ( = 345 )  Subtract 345 from 367 ( = 22 )  Bring down the 1</p> <p>Divide 69 into 221 ( = 3 )  Multiply 3 times 69 ( = 207 )  Subtract 207 from 221 ( = 14 )  Bring down the 2</p> <p>Divide 69 into 142 ( = 2 )  Multiply 2 times 69 ( = 138 )  Subtract 138 from 142 ( = 4 )  Bring down the 1</p> <p>Divide 69 into 41 ( = 0 )  Multiply 0 times 69 ( = 0 )  Subtract 0 from 41 ( = 41 )  Done. No more numbers to bring down.</p>
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