

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)

$$57 \overline{)756}$$

(2)

$$73 \overline{)611}$$

(3)

$$58 \overline{)708}$$

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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $ \begin{array}{r} 13 \text{ R}15 \\ 57 \overline{) 756} \\ \underline{- 57} \qquad (1 \times 57) \\ 186 \\ \underline{- 171} \qquad (3 \times 57) \\ \text{Remainder --> } 15 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 57 into 75 (= 1) Multiply 1 times 57 (= 57) Subtract 57 from 75 (= 18) Bring down the 6</p> <p>Divide 57 into 186 (= 3) Multiply 3 times 57 (= 171) Subtract 171 from 186 (= 15) Done. No more numbers to bring down.</p>	<p>(2)</p> $ \begin{array}{r} 8 \text{ R}27 \\ 73 \overline{) 611} \\ \underline{- 584} \qquad (8 \times 73) \\ \text{Remainder --> } 27 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 73 into 611 (= 8) Multiply 8 times 73 (= 584) Subtract 584 from 611 (= 27) Done. No more numbers to bring down.</p>	<p>(3)</p> $ \begin{array}{r} 12 \text{ R}12 \\ 58 \overline{) 708} \\ \underline{- 58} \qquad (1 \times 58) \\ 128 \\ \underline{- 116} \qquad (2 \times 58) \\ \text{Remainder --> } 12 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 58 into 70 (= 1) Multiply 1 times 58 (= 58) Subtract 58 from 70 (= 12) Bring down the 8</p> <p>Divide 58 into 128 (= 2) Multiply 2 times 58 (= 116) Subtract 116 from 128 (= 12) Done. No more numbers to bring down.</p>
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