

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)

$$37 \overline{) 203}$$

(2)

$$81 \overline{) 315}$$

(3)

$$68 \overline{) 436}$$

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

<p>(1)</p> $\begin{array}{r} 5 \text{ R}18 \\ 37 \overline{) 203} \\ \underline{- 185} \\ 18 \end{array} \quad (5 \times 37)$ <p>Remainder --> 18</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 37 into 203 (= 5) Multiply 5 times 37 (= 185) Subtract 185 from 203 (= 18) Done. No more numbers to bring down.</p>	<p>(2)</p> $\begin{array}{r} 3 \text{ R}72 \\ 81 \overline{) 315} \\ \underline{- 243} \\ 72 \end{array} \quad (3 \times 81)$ <p>Remainder --> 72</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 81 into 315 (= 3) Multiply 3 times 81 (= 243) Subtract 243 from 315 (= 72) Done. No more numbers to bring down.</p>	<p>(3)</p> $\begin{array}{r} 6 \text{ R}28 \\ 68 \overline{) 436} \\ \underline{- 408} \\ 28 \end{array} \quad (6 \times 68)$ <p>Remainder --> 28</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 68 into 436 (= 6) Multiply 6 times 68 (= 408) Subtract 408 from 436 (= 28) Done. No more numbers to bring down.</p>
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