

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)

$$93 \overline{)943}$$

(2)

$$39 \overline{)318}$$

(3)

$$34 \overline{)335}$$

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

<p>(1)</p> $\begin{array}{r} 10 \text{ R}13 \\ 93 \overline{)943} \\ - 93 \\ \hline 13 \\ - 0 \\ \hline \end{array}$ <p><i>Remainder --> 13</i></p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 93 into 94 (= 1) Multiply 1 times 93 (= 93) Subtract 93 from 94 (= 1) Bring down the 3</p> <p>Divide 93 into 13 (= 0) Multiply 0 times 93 (= 0) Subtract 0 from 13 (= 13) Done. No more numbers to bring down.</p>	<p>(2)</p> $\begin{array}{r} 8 \text{ R}6 \\ 39 \overline{)318} \\ - 312 \\ \hline 6 \\ \end{array}$ <p><i>Remainder --> 6</i></p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 39 into 318 (= 8) Multiply 8 times 39 (= 312) Subtract 312 from 318 (= 6) Done. No more numbers to bring down.</p>	<p>(3)</p> $\begin{array}{r} 9 \text{ R}29 \\ 34 \overline{)335} \\ - 306 \\ \hline 29 \\ \end{array}$ <p><i>Remainder --> 29</i></p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 34 into 335 (= 9) Multiply 9 times 34 (= 306) Subtract 306 from 335 (= 29) Done. No more numbers to bring down.</p>
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