

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)

$$802 \overline{) 2056}$$

(2)

$$679 \overline{) 3765}$$

(3)

$$729 \overline{) 5539}$$

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

<p>(1)</p> $\begin{array}{r} 2 \text{ R}452 \\ 802 \overline{) 2056} \\ \underline{- 1604} \\ \text{Remainder --> } 452 \end{array}$ <p>(2 x 802)</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 802 into 2056 (= 2) Multiply 2 times 802 (= 1604) Subtract 1604 from 2056 (= 452) Done. No more numbers to bring down.</p>	<p>(2)</p> $\begin{array}{r} 5 \text{ R}370 \\ 679 \overline{) 3765} \\ \underline{- 3395} \\ \text{Remainder --> } 370 \end{array}$ <p>(5 x 679)</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 679 into 3765 (= 5) Multiply 5 times 679 (= 3395) Subtract 3395 from 3765 (= 370) Done. No more numbers to bring down.</p>	<p>(3)</p> $\begin{array}{r} 7 \text{ R}436 \\ 729 \overline{) 5539} \\ \underline{- 5103} \\ \text{Remainder --> } 436 \end{array}$ <p>(7 x 729)</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 729 into 5539 (= 7) Multiply 7 times 729 (= 5103) Subtract 5103 from 5539 (= 436) Done. No more numbers to bring down.</p>
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