

# 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)

$$268 \overline{)2521}$$

(2)

$$625 \overline{)5289}$$

(3)

$$731 \overline{)5557}$$

# 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

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

|   |   |   |
|---|---|---|
| <p>(1)</p> $\begin{array}{r} 9 \text{ R}109 \\ 268 \overline{)2521} \\ - 2412 \\ \hline \text{Remainder --> } 109 \end{array}$  | <p>(2)</p> $\begin{array}{r} 8 \text{ R}289 \\ 625 \overline{)5289} \\ - 5000 \\ \hline \text{Remainder --> } 289 \end{array}$  | <p>(3)</p> $\begin{array}{r} 7 \text{ R}440 \\ 731 \overline{)5557} \\ - 5117 \\ \hline \text{Remainder --> } 440 \end{array}$  |
| <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 268 into 2521 (= 9)</p> <p>Multiply 9 times 268 (= 2412)</p> <p>Subtract 2412 from 2521 (= 109)</p> <p>Done. No more numbers to bring down.</p> | <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 625 into 5289 (= 8)</p> <p>Multiply 8 times 625 (= 5000)</p> <p>Subtract 5000 from 5289 (= 289)</p> <p>Done. No more numbers to bring down.</p> | <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 731 into 5557 (= 7)</p> <p>Multiply 7 times 731 (= 5117)</p> <p>Subtract 5117 from 5557 (= 440)</p> <p>Done. No more numbers to bring down.</p> |