

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)

$$7 \overline{)65}$$

(2)

$$3 \overline{)80}$$

(3)

$$8 \overline{)51}$$

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> $\begin{array}{r} 9 \text{ R}2 \\ 7 \overline{) 65} \\ - 63 \\ \hline \end{array} \quad (9 \times 7)$ <p><i>Remainder --> 2</i></p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 7 into 65 (= 9) Multiply 9 times 7 (= 63) Subtract 63 from 65 (= 2) Done. No more numbers to bring down.</p> | <p>(2)</p> $\begin{array}{r} 26 \text{ R}2 \\ 3 \overline{) 80} \\ - 6 \\ \hline 20 \\ - 18 \\ \hline \end{array} \quad \begin{array}{l} (2 \times 3) \\ (6 \times 3) \end{array}$ <p><i>Remainder --> 2</i></p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 3 into 8 (= 2) Multiply 2 times 3 (= 6) Subtract 6 from 8 (= 2) Bring down the 0</p> <p>Divide 3 into 20 (= 6) Multiply 6 times 3 (= 18) Subtract 18 from 20 (= 2) Done. No more numbers to bring down.</p> | <p>(3)</p> $\begin{array}{r} 6 \text{ R}3 \\ 8 \overline{) 51} \\ - 48 \\ \hline \end{array} \quad (6 \times 8)$ <p><i>Remainder --> 3</i></p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 8 into 51 (= 6) Multiply 6 times 8 (= 48) Subtract 48 from 51 (= 3) Done. No more numbers to bring down.</p> |
|--|---|--|