

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)

$$85 \overline{) 233}$$

(2)

$$44 \overline{) 726}$$

(3)

$$63 \overline{) 134}$$

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

<p>(1)</p> $\begin{array}{r} 2 \text{ R}63 \\ 85 \overline{) 233} \\ \underline{- 170} \\ \text{Remainder --> } 63 \end{array} \quad (2 \times 85)$ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 85 into 233 (= 2) Multiply 2 times 85 (= 170) Subtract 170 from 233 (= 63) Done. No more numbers to bring down.</p>	<p>(2)</p> $\begin{array}{r} 16 \text{ R}22 \\ 44 \overline{) 726} \\ \underline{- 44} \\ 286 \\ \underline{- 264} \\ \text{Remainder --> } 22 \end{array} \quad \begin{array}{l} (1 \times 44) \\ (6 \times 44) \end{array}$ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 44 into 72 (= 1) Multiply 1 times 44 (= 44) Subtract 44 from 72 (= 28) Bring down the 6</p> <p>Divide 44 into 286 (= 6) Multiply 6 times 44 (= 264) Subtract 264 from 286 (= 22) Done. No more numbers to bring down.</p>	<p>(3)</p> $\begin{array}{r} 2 \text{ R}8 \\ 63 \overline{) 134} \\ \underline{- 126} \\ \text{Remainder --> } 8 \end{array} \quad (2 \times 63)$ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 63 into 134 (= 2) Multiply 2 times 63 (= 126) Subtract 126 from 134 (= 8) Done. No more numbers to bring down.</p>
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