

# 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)

$$981 \overline{)6845}$$

(2)

$$882 \overline{)4615}$$

(3)

$$788 \overline{)9100}$$

# 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> $\begin{array}{r} 6 \text{ R}959 \\ 981 \overline{) 6845} \\ \underline{- 5886} \phantom{0} \\ \text{Remainder --> } 959 \end{array}$ <p>(6 x 981)</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 981 into 6845 (= 6) Multiply 6 times 981 (= 5886) Subtract 5886 from 6845 (= 959) Done. No more numbers to bring down.</p>	<p>(2)</p> $\begin{array}{r} 5 \text{ R}205 \\ 882 \overline{) 4615} \\ \underline{- 4410} \phantom{0} \\ \text{Remainder --> } 205 \end{array}$ <p>(5 x 882)</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 882 into 4615 (= 5) Multiply 5 times 882 (= 4410) Subtract 4410 from 4615 (= 205) Done. No more numbers to bring down.</p>	<p>(3)</p> $\begin{array}{r} 11 \text{ R}432 \\ 788 \overline{) 9100} \\ \underline{- 788} \phantom{00} \\ 1220 \\ \underline{- 788} \phantom{0} \\ \text{Remainder --> } 432 \end{array}$ <p>(1 x 788) (1 x 788)</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 788 into 910 (= 1) Multiply 1 times 788 (= 788) Subtract 788 from 910 (= 122) Bring down the 0</p> <p>Divide 788 into 1220 (= 1) Multiply 1 times 788 (= 788) Subtract 788 from 1220 (= 432) Done. No more numbers to bring down.</p>
--	--	---