

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1)

$$646 \overline{)280995}$$

(2)

$$382 \overline{)260410}$$

(3)

$$236 \overline{)245904}$$

(4)

$$973 \overline{)599391}$$

(5)

$$758 \overline{)547941}$$

(6)

$$449 \overline{)389550}$$

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}  \phantom{646} \overline{434 \text{ R}631} \\  646 \overline{)280995} \\  \underline{- 2584} \qquad (4 \times 646) \\  2259 \\  \underline{- 1938} \qquad (3 \times 646) \\  3215 \\  \underline{- 2584} \qquad (4 \times 646) \\  \text{Remainder --> } 631  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  \phantom{382} \overline{681 \text{ R}268} \\  382 \overline{)260410} \\  \underline{- 2292} \qquad (6 \times 382) \\  3121 \\  \underline{- 3056} \qquad (8 \times 382) \\  650 \\  \underline{- 382} \qquad (1 \times 382) \\  \text{Remainder --> } 268  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  \phantom{236} \overline{1041 \text{ R}228} \\  236 \overline{)245904} \\  \underline{- 236} \qquad (1 \times 236) \\  99 \\  \underline{- 0} \qquad (0 \times 236) \\  990 \\  \underline{- 944} \qquad (4 \times 236) \\  464 \\  \underline{- 236} \qquad (1 \times 236) \\  \text{Remainder --> } 228  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  \phantom{973} \overline{616 \text{ R}23} \\  973 \overline{)599391} \\  \underline{- 5838} \qquad (6 \times 973) \\  1559 \\  \underline{- 973} \qquad (1 \times 973) \\  5861 \\  \underline{- 5838} \qquad (6 \times 973) \\  \text{Remainder --> } 23  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  \phantom{758} \overline{722 \text{ R}665} \\  758 \overline{)547941} \\  \underline{- 5306} \qquad (7 \times 758) \\  1734 \\  \underline{- 1516} \qquad (2 \times 758) \\  2181 \\  \underline{- 1516} \qquad (2 \times 758) \\  \text{Remainder --> } 665  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  \phantom{449} \overline{867 \text{ R}267} \\  449 \overline{)389550} \\  \underline{- 3592} \qquad (8 \times 449) \\  3035 \\  \underline{- 2694} \qquad (6 \times 449) \\  3410 \\  \underline{- 3143} \qquad (7 \times 449) \\  \text{Remainder --> } 267  \end{array}  $