

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

(1)

$$770 \overline{) 33554}$$

(2)

$$159 \overline{) 90820}$$

(3)

$$935 \overline{) 10122}$$

(4)

$$729 \overline{) 71071}$$

(5)

$$224 \overline{) 80751}$$

(6)

$$568 \overline{) 97826}$$

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} \overline{43 \text{ R}444} \\ 770 \overline{) 33554} \\ \underline{- 3080} \qquad (4 \times 770) \\ 2754 \\ \underline{- 2310} \qquad (3 \times 770) \\ \text{Remainder --> } 444 \end{array} $	<p>(2)</p> $ \begin{array}{r} \overline{571 \text{ R}31} \\ 159 \overline{) 90820} \\ \underline{- 795} \qquad (5 \times 159) \\ 1132 \\ \underline{- 1113} \qquad (7 \times 159) \\ 190 \\ \underline{- 159} \qquad (1 \times 159) \\ \text{Remainder --> } 31 \end{array} $	<p>(3)</p> $ \begin{array}{r} \overline{10 \text{ R}772} \\ 935 \overline{) 10122} \\ \underline{- 935} \qquad (1 \times 935) \\ 772 \\ \underline{- 0} \qquad (0 \times 935) \\ \text{Remainder --> } 772 \end{array} $
<p>(4)</p> $ \begin{array}{r} \overline{97 \text{ R}358} \\ 729 \overline{) 71071} \\ \underline{- 6561} \qquad (9 \times 729) \\ 5461 \\ \underline{- 5103} \qquad (7 \times 729) \\ \text{Remainder --> } 358 \end{array} $	<p>(5)</p> $ \begin{array}{r} \overline{360 \text{ R}111} \\ 224 \overline{) 80751} \\ \underline{- 672} \qquad (3 \times 224) \\ 1355 \\ \underline{- 1344} \qquad (6 \times 224) \\ 111 \\ \underline{- 0} \qquad (0 \times 224) \\ \text{Remainder --> } 111 \end{array} $	<p>(6)</p> $ \begin{array}{r} \overline{172 \text{ R}130} \\ 568 \overline{) 97826} \\ \underline{- 568} \qquad (1 \times 568) \\ 4102 \\ \underline{- 3976} \qquad (7 \times 568) \\ 1266 \\ \underline{- 1136} \qquad (2 \times 568) \\ \text{Remainder --> } 130 \end{array} $