

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

(1)

$$451 \overline{) 39163}$$

(2)

$$216 \overline{) 17780}$$

(3)

$$456 \overline{) 47481}$$

(4)

$$212 \overline{) 68849}$$

(5)

$$882 \overline{) 52158}$$

(6)

$$925 \overline{) 28103}$$

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}  86 \text{ R}377 \\  451 \overline{) 39163} \\  \underline{- 3608} \quad (8 \times 451) \\  3083 \\  \underline{- 2706} \quad (6 \times 451) \\  \text{Remainder --> } 377  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  82 \text{ R}68 \\  216 \overline{) 17780} \\  \underline{- 1728} \quad (8 \times 216) \\  500 \\  \underline{- 432} \quad (2 \times 216) \\  \text{Remainder --> } 68  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  104 \text{ R}57 \\  456 \overline{) 47481} \\  \underline{- 456} \quad (1 \times 456) \\  188 \\  \underline{- 0} \quad (0 \times 456) \\  1881 \\  \underline{- 1824} \quad (4 \times 456) \\  \text{Remainder --> } 57  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  324 \text{ R}161 \\  212 \overline{) 68849} \\  \underline{- 636} \quad (3 \times 212) \\  524 \\  \underline{- 424} \quad (2 \times 212) \\  1009 \\  \underline{- 848} \quad (4 \times 212) \\  \text{Remainder --> } 161  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  59 \text{ R}120 \\  882 \overline{) 52158} \\  \underline{- 4410} \quad (5 \times 882) \\  8058 \\  \underline{- 7938} \quad (9 \times 882) \\  \text{Remainder --> } 120  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  30 \text{ R}353 \\  925 \overline{) 28103} \\  \underline{- 2775} \quad (3 \times 925) \\  353 \\  \underline{- 0} \quad (0 \times 925) \\  \text{Remainder --> } 353  \end{array}  $