

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

(1)

$$92 \overline{) 59875}$$

(2)

$$85 \overline{) 36688}$$

(3)

$$16 \overline{) 20487}$$

(4)

$$12 \overline{) 68330}$$

(5)

$$83 \overline{) 87341}$$

(6)

$$92 \overline{) 95089}$$

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}  650 \text{ R}75 \\  92 \overline{) 59875} \\  \underline{- 552} \quad (6 \times 92) \\  467 \\  \underline{- 460} \quad (5 \times 92) \\  75 \\  \underline{- 0} \quad (0 \times 92) \\  \text{Remainder --> } 75  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  431 \text{ R}53 \\  85 \overline{) 36688} \\  \underline{- 340} \quad (4 \times 85) \\  268 \\  \underline{- 255} \quad (3 \times 85) \\  138 \\  \underline{- 85} \quad (1 \times 85) \\  \text{Remainder --> } 53  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  1280 \text{ R}7 \\  16 \overline{) 20487} \\  \underline{- 16} \quad (1 \times 16) \\  44 \\  \underline{- 32} \quad (2 \times 16) \\  128 \\  \underline{- 128} \quad (8 \times 16) \\  07 \\  \underline{- 0} \quad (0 \times 16) \\  \text{Remainder --> } 7  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  5694 \text{ R}2 \\  12 \overline{) 68330} \\  \underline{- 60} \quad (5 \times 12) \\  83 \\  \underline{- 72} \quad (6 \times 12) \\  113 \\  \underline{- 108} \quad (9 \times 12) \\  50 \\  \underline{- 48} \quad (4 \times 12) \\  \text{Remainder --> } 2  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  1052 \text{ R}25 \\  83 \overline{) 87341} \\  \underline{- 83} \quad (1 \times 83) \\  43 \\  \underline{- 0} \quad (0 \times 83) \\  434 \\  \underline{- 415} \quad (5 \times 83) \\  191 \\  \underline{- 166} \quad (2 \times 83) \\  \text{Remainder --> } 25  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  1033 \text{ R}53 \\  92 \overline{) 95089} \\  \underline{- 92} \quad (1 \times 92) \\  30 \\  \underline{- 0} \quad (0 \times 92) \\  308 \\  \underline{- 276} \quad (3 \times 92) \\  329 \\  \underline{- 276} \quad (3 \times 92) \\  \text{Remainder --> } 53  \end{array}  $