

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

(1)

$$86 \overline{) 24713}$$

(2)

$$82 \overline{) 88219}$$

(3)

$$31 \overline{) 83653}$$

(4)

$$47 \overline{) 45812}$$

(5)

$$44 \overline{) 81321}$$

(6)

$$51 \overline{) 60282}$$

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Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $ \begin{array}{r} 287 \text{ R}31 \\ 86 \overline{) 24713} \\ \underline{- 172} \quad (2 \times 86) \\ 751 \\ \underline{- 688} \quad (8 \times 86) \\ 633 \\ \underline{- 602} \quad (7 \times 86) \\ \text{Remainder --> } 31 \end{array} $	<p>(2)</p> $ \begin{array}{r} 1075 \text{ R}69 \\ 82 \overline{) 88219} \\ \underline{- 82} \quad (1 \times 82) \\ 62 \\ \underline{- 0} \quad (0 \times 82) \\ 621 \\ \underline{- 574} \quad (7 \times 82) \\ 479 \\ \underline{- 410} \quad (5 \times 82) \\ \text{Remainder --> } 69 \end{array} $	<p>(3)</p> $ \begin{array}{r} 2698 \text{ R}15 \\ 31 \overline{) 83653} \\ \underline{- 62} \quad (2 \times 31) \\ 216 \\ \underline{- 186} \quad (6 \times 31) \\ 305 \\ \underline{- 279} \quad (9 \times 31) \\ 263 \\ \underline{- 248} \quad (8 \times 31) \\ \text{Remainder --> } 15 \end{array} $
<p>(4)</p> $ \begin{array}{r} 974 \text{ R}34 \\ 47 \overline{) 45812} \\ \underline{- 423} \quad (9 \times 47) \\ 351 \\ \underline{- 329} \quad (7 \times 47) \\ 222 \\ \underline{- 188} \quad (4 \times 47) \\ \text{Remainder --> } 34 \end{array} $	<p>(5)</p> $ \begin{array}{r} 1848 \text{ R}9 \\ 44 \overline{) 81321} \\ \underline{- 44} \quad (1 \times 44) \\ 373 \\ \underline{- 352} \quad (8 \times 44) \\ 212 \\ \underline{- 176} \quad (4 \times 44) \\ 361 \\ \underline{- 352} \quad (8 \times 44) \\ \text{Remainder --> } 9 \end{array} $	<p>(6)</p> $ \begin{array}{r} 1182 \text{ R}0 \\ 51 \overline{) 60282} \\ \underline{- 51} \quad (1 \times 51) \\ 92 \\ \underline{- 51} \quad (1 \times 51) \\ 418 \\ \underline{- 408} \quad (8 \times 51) \\ 102 \\ \underline{- 102} \quad (2 \times 51) \\ \text{Remainder --> } 0 \end{array} $