

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

(1)

$$8 \overline{) 9230}$$

(2)

$$9 \overline{) 4029}$$

(3)

$$7 \overline{) 3101}$$

(4)

$$7 \overline{) 2586}$$

(5)

$$8 \overline{) 8165}$$

(6)

$$4 \overline{) 4946}$$

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}  1153 \text{ R}6 \\  8 \overline{) 9230} \\  \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  12 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  43 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 40} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  30 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 24} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \text{Remainder --> } 6  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  447 \text{ R}6 \\  9 \overline{) 4029} \\  \underline{- 36} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  42 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 36} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  69 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 63} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \text{Remainder --> } 6  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  443 \text{ R}0 \\  7 \overline{) 3101} \\  \underline{- 28} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  30 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 28} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  21 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 21} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \text{Remainder --> } 0  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  369 \text{ R}3 \\  7 \overline{) 2586} \\  \underline{- 21} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  48 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 42} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  66 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 63} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \text{Remainder --> } 3  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  1020 \text{ R}5 \\  8 \overline{) 8165} \\  \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  01 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  16 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 16} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  05 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \text{Remainder --> } 5  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  1236 \text{ R}2 \\  4 \overline{) 4946} \\  \underline{- 4} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  09 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  14 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 12} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  26 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \underline{- 24} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\  \text{Remainder --> } 2  \end{array}  $