

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

(1)

$$14 \overline{) 9419}$$

(2)

$$63 \overline{) 3496}$$

(3)

$$41 \overline{) 7102}$$

(4)

$$89 \overline{) 1631}$$

(5)

$$35 \overline{) 1639}$$

(6)

$$20 \overline{) 1039}$$

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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}  672 \text{ R}11 \\  14 \overline{) 9419} \\  \underline{- 84} \qquad (6 \times 14) \\  101 \\  \underline{- 98} \qquad (7 \times 14) \\  39 \\  \underline{- 28} \qquad (2 \times 14) \\  \text{Remainder --> } 11  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  55 \text{ R}31 \\  63 \overline{) 3496} \\  \underline{- 315} \qquad (5 \times 63) \\  346 \\  \underline{- 315} \qquad (5 \times 63) \\  \text{Remainder --> } 31  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  173 \text{ R}9 \\  41 \overline{) 7102} \\  \underline{- 41} \qquad (1 \times 41) \\  300 \\  \underline{- 287} \qquad (7 \times 41) \\  132 \\  \underline{- 123} \qquad (3 \times 41) \\  \text{Remainder --> } 9  \end{array}  $
<p>(4)</p> $  \begin{array}{r}  18 \text{ R}29 \\  89 \overline{) 1631} \\  \underline{- 89} \qquad (1 \times 89) \\  741 \\  \underline{- 712} \qquad (8 \times 89) \\  \text{Remainder --> } 29  \end{array}  $	<p>(5)</p> $  \begin{array}{r}  46 \text{ R}29 \\  35 \overline{) 1639} \\  \underline{- 140} \qquad (4 \times 35) \\  239 \\  \underline{- 210} \qquad (6 \times 35) \\  \text{Remainder --> } 29  \end{array}  $	<p>(6)</p> $  \begin{array}{r}  51 \text{ R}19 \\  20 \overline{) 1039} \\  \underline{- 100} \qquad (5 \times 20) \\  39 \\  \underline{- 20} \qquad (1 \times 20) \\  \text{Remainder --> } 19  \end{array}  $