

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

(1)

$$30 \overline{)595}$$

(2)

$$36 \overline{)870}$$

(3)

$$42 \overline{)396}$$

(4)

$$32 \overline{)555}$$

(5)

$$72 \overline{)619}$$

(6)

$$83 \overline{)201}$$

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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} 19 \text{ R}25 \\ 30 \overline{) 595} \\ \underline{- 30} \qquad (1 \times 30) \\ 295 \\ \underline{- 270} \qquad (9 \times 30) \\ \text{Remainder --> } 25 \end{array} $	<p>(2)</p> $ \begin{array}{r} 24 \text{ R}6 \\ 36 \overline{) 870} \\ \underline{- 72} \qquad (2 \times 36) \\ 150 \\ \underline{- 144} \qquad (4 \times 36) \\ \text{Remainder --> } 6 \end{array} $	<p>(3)</p> $ \begin{array}{r} 9 \text{ R}18 \\ 42 \overline{) 396} \\ \underline{- 378} \qquad (9 \times 42) \\ \text{Remainder --> } 18 \end{array} $
<p>(4)</p> $ \begin{array}{r} 17 \text{ R}11 \\ 32 \overline{) 555} \\ \underline{- 32} \qquad (1 \times 32) \\ 235 \\ \underline{- 224} \qquad (7 \times 32) \\ \text{Remainder --> } 11 \end{array} $	<p>(5)</p> $ \begin{array}{r} 8 \text{ R}43 \\ 72 \overline{) 619} \\ \underline{- 576} \qquad (8 \times 72) \\ \text{Remainder --> } 43 \end{array} $	<p>(6)</p> $ \begin{array}{r} 2 \text{ R}35 \\ 83 \overline{) 201} \\ \underline{- 166} \qquad (2 \times 83) \\ \text{Remainder --> } 35 \end{array} $