

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

(1)

$$3 \overline{)25}$$

(2)

$$6 \overline{)42}$$

(3)

$$5 \overline{)81}$$

(4)

$$4 \overline{)81}$$

(5)

$$9 \overline{)10}$$

(6)

$$7 \overline{)65}$$

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> $\begin{array}{r} 8 \text{ R}1 \\ 3 \overline{) 25} \\ - 24 \\ \hline \end{array} \quad (8 \times 3)$ <p>Remainder --&gt; 1</p>	<p>(2)</p> $\begin{array}{r} 7 \text{ R}0 \\ 6 \overline{) 42} \\ - 42 \\ \hline \end{array} \quad (7 \times 6)$ <p>Remainder --&gt; 0</p>	<p>(3)</p> $\begin{array}{r} 16 \text{ R}1 \\ 5 \overline{) 81} \\ - 5 \\ \hline 31 \\ - 30 \\ \hline \end{array} \quad \begin{array}{l} (1 \times 5) \\ (6 \times 5) \end{array}$ <p>Remainder --&gt; 1</p>
<p>(4)</p> $\begin{array}{r} 20 \text{ R}1 \\ 4 \overline{) 81} \\ - 8 \\ \hline 01 \\ - 0 \\ \hline \end{array} \quad \begin{array}{l} (2 \times 4) \\ (0 \times 4) \end{array}$ <p>Remainder --&gt; 1</p>	<p>(5)</p> $\begin{array}{r} 1 \text{ R}1 \\ 9 \overline{) 10} \\ - 9 \\ \hline \end{array} \quad (1 \times 9)$ <p>Remainder --&gt; 1</p>	<p>(6)</p> $\begin{array}{r} 9 \text{ R}2 \\ 7 \overline{) 65} \\ - 63 \\ \hline \end{array} \quad (9 \times 7)$ <p>Remainder --&gt; 2</p>