

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

(1)

$$347 \overline{)64624}$$

(2)

$$943 \overline{)27806}$$

(3)

$$201 \overline{)56266}$$

(4)

$$122 \overline{)29783}$$

(5)

$$479 \overline{)99303}$$

(6)

$$145 \overline{)58614}$$

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} \overline{186 \text{ R}82} \\ 347 \overline{) 64624} \\ \underline{- 347} \\ 2992 \\ \underline{- 2776} \\ 2164 \\ \underline{- 2082} \\ \text{Remainder -->} 82 \end{array} $ <p style="text-align: right;"><i>(1 x 347)</i> <i>(8 x 347)</i> <i>(6 x 347)</i></p>	<p>(2)</p> $ \begin{array}{r} \overline{29 \text{ R}459} \\ 943 \overline{) 27806} \\ \underline{- 1886} \\ 8946 \\ \underline{- 8487} \\ \text{Remainder -->} 459 \end{array} $ <p style="text-align: right;"><i>(2 x 943)</i> <i>(9 x 943)</i></p>	<p>(3)</p> $ \begin{array}{r} \overline{279 \text{ R}187} \\ 201 \overline{) 56266} \\ \underline{- 402} \\ 1606 \\ \underline{- 1407} \\ 1996 \\ \underline{- 1809} \\ \text{Remainder -->} 187 \end{array} $ <p style="text-align: right;"><i>(2 x 201)</i> <i>(7 x 201)</i> <i>(9 x 201)</i></p>
<p>(4)</p> $ \begin{array}{r} \overline{244 \text{ R}15} \\ 122 \overline{) 29783} \\ \underline{- 244} \\ 538 \\ \underline{- 488} \\ 503 \\ \underline{- 488} \\ \text{Remainder -->} 15 \end{array} $ <p style="text-align: right;"><i>(2 x 122)</i> <i>(4 x 122)</i> <i>(4 x 122)</i></p>	<p>(5)</p> $ \begin{array}{r} \overline{207 \text{ R}150} \\ 479 \overline{) 99303} \\ \underline{- 958} \\ 350 \\ \underline{- 0} \\ 3503 \\ \underline{- 3353} \\ \text{Remainder -->} 150 \end{array} $ <p style="text-align: right;"><i>(2 x 479)</i> <i>(0 x 479)</i> <i>(7 x 479)</i></p>	<p>(6)</p> $ \begin{array}{r} \overline{404 \text{ R}34} \\ 145 \overline{) 58614} \\ \underline{- 580} \\ 61 \\ \underline{- 0} \\ 614 \\ \underline{- 580} \\ \text{Remainder -->} 34 \end{array} $ <p style="text-align: right;"><i>(4 x 145)</i> <i>(0 x 145)</i> <i>(4 x 145)</i></p>