

Name _____

Date _____

(1)

277 | 371936688

(2)

929 | 270813254

(3)

399 | 338670314

Name _____

Date _____

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $ \begin{array}{r} 1342731 \text{ R}201 \\ 277 \overline{) 371936688} \\ \underline{- 277} \quad (1 \times 277) \\ 949 \\ \underline{- 831} \quad (3 \times 277) \\ 1183 \\ \underline{- 1108} \quad (4 \times 277) \\ 756 \\ \underline{- 554} \quad (2 \times 277) \\ 2026 \\ \underline{- 1939} \quad (7 \times 277) \\ 878 \\ \underline{- 831} \quad (3 \times 277) \\ 478 \\ \underline{- 277} \quad (1 \times 277) \\ \text{Remainder -->} \quad 201 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 277 into 371 (= 1) Multiply 1 times 277 (= 277) Subtract 277 from 371 (= 94) Bring down the 9</p> <p>Divide 277 into 949 (= 3) Multiply 3 times 277 (= 831) Subtract 831 from 949 (= 118) Bring down the 3</p> <p>Divide 277 into 1183 (= 4) Multiply 4 times 277 (= 1108) Subtract 1108 from 1183 (= 75) Bring down the 6</p> <p>Divide 277 into 756 (= 2) Multiply 2 times 277 (= 554) Subtract 554 from 756 (= 202) Bring down the 6</p> <p>Divide 277 into 2026 (= 7) Multiply 7 times 277 (= 1939) Subtract 1939 from 2026 (= 87) Bring down the 8</p> <p>Divide 277 into 878 (= 3) Multiply 3 times 277 (= 831) Subtract 831 from 878 (= 47) Bring down the 8</p>	<p>(2)</p> $ \begin{array}{r} 291510 \text{ R}464 \\ 929 \overline{) 270813254} \\ \underline{- 1858} \quad (2 \times 929) \\ 8501 \\ \underline{- 8361} \quad (9 \times 929) \\ 1403 \\ \underline{- 929} \quad (1 \times 929) \\ 4742 \\ \underline{- 4645} \quad (5 \times 929) \\ 975 \\ \underline{- 929} \quad (1 \times 929) \\ 464 \\ \underline{- 0} \quad (0 \times 929) \\ \text{Remainder -->} \quad 464 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 929 into 2708 (= 2) Multiply 2 times 929 (= 1858) Subtract 1858 from 2708 (= 850) Bring down the 1</p> <p>Divide 929 into 8501 (= 9) Multiply 9 times 929 (= 8361) Subtract 8361 from 8501 (= 140) Bring down the 3</p> <p>Divide 929 into 1403 (= 1) Multiply 1 times 929 (= 929) Subtract 929 from 1403 (= 474) Bring down the 2</p> <p>Divide 929 into 4742 (= 5) Multiply 5 times 929 (= 4645) Subtract 4645 from 4742 (= 97) Bring down the 5</p> <p>Divide 929 into 975 (= 1) Multiply 1 times 929 (= 929) Subtract 929 from 975 (= 46) Bring down the 4</p> <p>Divide 929 into 464 (= 0) Multiply 0 times 929 (= 0) Subtract 0 from 464 (= 464) Done. No more numbers to bring down.</p>	<p>(3)</p> $ \begin{array}{r} 848797 \text{ R}311 \\ 399 \overline{) 338670314} \\ \underline{- 3192} \quad (8 \times 399) \\ 1947 \\ \underline{- 1596} \quad (4 \times 399) \\ 3510 \\ \underline{- 3192} \quad (8 \times 399) \\ 3183 \\ \underline{- 2793} \quad (7 \times 399) \\ 3901 \\ \underline{- 3591} \quad (9 \times 399) \\ 3104 \\ \underline{- 2793} \quad (7 \times 399) \\ \text{Remainder -->} \quad 311 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 399 into 3386 (= 8) Multiply 8 times 399 (= 3192) Subtract 3192 from 3386 (= 194) Bring down the 7</p> <p>Divide 399 into 1947 (= 4) Multiply 4 times 399 (= 1596) Subtract 1596 from 1947 (= 351) Bring down the 0</p> <p>Divide 399 into 3510 (= 8) Multiply 8 times 399 (= 3192) Subtract 3192 from 3510 (= 318) Bring down the 3</p> <p>Divide 399 into 3183 (= 7) Multiply 7 times 399 (= 2793) Subtract 2793 from 3183 (= 390) Bring down the 1</p> <p>Divide 399 into 3901 (= 9) Multiply 9 times 399 (= 3591) Subtract 3591 from 3901 (= 310) Bring down the 4</p> <p>Divide 399 into 3104 (= 7) Multiply 7 times 399 (= 2793) Subtract 2793 from 3104 (= 311) Done. No more numbers to bring down.</p>
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Divide 277 into 478 (= 1)
Multiply 1 times 277 (= 277)
Subtract 277 from 478 (= 201)
Done. No more numbers to bring down.