

Name _____

Date _____

(1)

388 | 133707321

(2)

174 | 981840886

(3)

553 | 235711018

Name _____

Date _____

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

<p>(1)</p> $ \begin{array}{r} 344606 \text{ R}193 \\ 388 \overline{) 133707321} \\ \underline{- 1164} \quad (3 \times 388) \\ 1730 \\ \underline{- 1552} \quad (4 \times 388) \\ 1787 \\ \underline{- 1552} \quad (4 \times 388) \\ 2353 \\ \underline{- 2328} \quad (6 \times 388) \\ 252 \\ \underline{- 0} \quad (0 \times 388) \\ 2521 \\ \underline{- 2328} \quad (6 \times 388) \\ \text{Remainder -->} \quad 193 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 388 into 1337 (= 3) Multiply 3 times 388 (= 1164) Subtract 1164 from 1337 (= 173) Bring down the 0</p> <p>Divide 388 into 1730 (= 4) Multiply 4 times 388 (= 1552) Subtract 1552 from 1730 (= 178) Bring down the 7</p> <p>Divide 388 into 1787 (= 4) Multiply 4 times 388 (= 1552) Subtract 1552 from 1787 (= 235) Bring down the 3</p> <p>Divide 388 into 2353 (= 6) Multiply 6 times 388 (= 2328) Subtract 2328 from 2353 (= 25) Bring down the 2</p> <p>Divide 388 into 252 (= 0) Multiply 0 times 388 (= 0) Subtract 0 from 252 (= 252) Bring down the 1</p> <p>Divide 388 into 2521 (= 6) Multiply 6 times 388 (= 2328) Subtract 2328 from 2521 (= 193) Done. No more numbers to bring down.</p>	<p>(2)</p> $ \begin{array}{r} 5642763 \text{ R}124 \\ 174 \overline{) 981840886} \\ \underline{- 870} \quad (5 \times 174) \\ 1118 \\ \underline{- 1044} \quad (6 \times 174) \\ 744 \\ \underline{- 696} \quad (4 \times 174) \\ 480 \\ \underline{- 348} \quad (2 \times 174) \\ 1328 \\ \underline{- 1218} \quad (7 \times 174) \\ 1108 \\ \underline{- 1044} \quad (6 \times 174) \\ 646 \\ \underline{- 522} \quad (3 \times 174) \\ \text{Remainder -->} \quad 124 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 174 into 981 (= 5) Multiply 5 times 174 (= 870) Subtract 870 from 981 (= 111) Bring down the 8</p> <p>Divide 174 into 1118 (= 6) Multiply 6 times 174 (= 1044) Subtract 1044 from 1118 (= 74) Bring down the 4</p> <p>Divide 174 into 744 (= 4) Multiply 4 times 174 (= 696) Subtract 696 from 744 (= 48) Bring down the 0</p> <p>Divide 174 into 480 (= 2) Multiply 2 times 174 (= 348) Subtract 348 from 480 (= 132) Bring down the 8</p> <p>Divide 174 into 1328 (= 7) Multiply 7 times 174 (= 1218) Subtract 1218 from 1328 (= 110) Bring down the 8</p> <p>Divide 174 into 1108 (= 6) Multiply 6 times 174 (= 1044) Subtract 1044 from 1108 (= 64) Bring down the 6</p>	<p>(3)</p> $ \begin{array}{r} 426240 \text{ R}298 \\ 553 \overline{) 235711018} \\ \underline{- 2212} \quad (4 \times 553) \\ 1451 \\ \underline{- 1106} \quad (2 \times 553) \\ 3451 \\ \underline{- 3318} \quad (6 \times 553) \\ 1330 \\ \underline{- 1106} \quad (2 \times 553) \\ 2241 \\ \underline{- 2212} \quad (4 \times 553) \\ 298 \\ \underline{- 0} \quad (0 \times 553) \\ \text{Remainder -->} \quad 298 \end{array} $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 553 into 2357 (= 4) Multiply 4 times 553 (= 2212) Subtract 2212 from 2357 (= 145) Bring down the 1</p> <p>Divide 553 into 1451 (= 2) Multiply 2 times 553 (= 1106) Subtract 1106 from 1451 (= 345) Bring down the 1</p> <p>Divide 553 into 3451 (= 6) Multiply 6 times 553 (= 3318) Subtract 3318 from 3451 (= 133) Bring down the 0</p> <p>Divide 553 into 1330 (= 2) Multiply 2 times 553 (= 1106) Subtract 1106 from 1330 (= 224) Bring down the 1</p> <p>Divide 553 into 2241 (= 4) Multiply 4 times 553 (= 2212) Subtract 2212 from 2241 (= 29) Bring down the 8</p> <p>Divide 553 into 298 (= 0) Multiply 0 times 553 (= 0) Subtract 0 from 298 (= 298) Done. No more numbers to bring down.</p>
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Divide 174 into 646 (= 3)
 Multiply 3 times 174 (= 522)
 Subtract 522 from 646 (= 124)
 Done. No more numbers to bring down.