

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

652 | 228114325

(2)

744 | 289304944

(3)

590 | 610215849

Name \_\_\_\_\_

Date \_\_\_\_\_

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

<p>(1)</p> $  \begin{array}{r}  349868 \text{ R}389 \\  652 \overline{) 228114325} \\  \underline{- 1956} \quad (3 \times 652) \\  3251 \\  \underline{- 2608} \quad (4 \times 652) \\  6434 \\  \underline{- 5868} \quad (9 \times 652) \\  5663 \\  \underline{- 5216} \quad (8 \times 652) \\  4472 \\  \underline{- 3912} \quad (6 \times 652) \\  5605 \\  \underline{- 5216} \quad (8 \times 652) \\  \text{Remainder -->} \quad 389  \end{array}  $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 652 into 2281 (= 3)            Multiply 3 times 652 (= 1956)            Subtract 1956 from 2281 (= 325)            Bring down the 1</p> <p>Divide 652 into 3251 (= 4)            Multiply 4 times 652 (= 2608)            Subtract 2608 from 3251 (= 643)            Bring down the 4</p> <p>Divide 652 into 6434 (= 9)            Multiply 9 times 652 (= 5868)            Subtract 5868 from 6434 (= 566)            Bring down the 3</p> <p>Divide 652 into 5663 (= 8)            Multiply 8 times 652 (= 5216)            Subtract 5216 from 5663 (= 447)            Bring down the 2</p> <p>Divide 652 into 4472 (= 6)            Multiply 6 times 652 (= 3912)            Subtract 3912 from 4472 (= 560)            Bring down the 5</p> <p>Divide 652 into 5605 (= 8)            Multiply 8 times 652 (= 5216)            Subtract 5216 from 5605 (= 389)            Done. No more numbers to bring down.</p>	<p>(2)</p> $  \begin{array}{r}  388850 \text{ R}544 \\  744 \overline{) 289304944} \\  \underline{- 2232} \quad (3 \times 744) \\  6610 \\  \underline{- 5952} \quad (8 \times 744) \\  6584 \\  \underline{- 5952} \quad (8 \times 744) \\  6329 \\  \underline{- 5952} \quad (8 \times 744) \\  3774 \\  \underline{- 3720} \quad (5 \times 744) \\  544 \\  \underline{- 0} \quad (0 \times 744) \\  \text{Remainder -->} \quad 544  \end{array}  $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 744 into 2893 (= 3)            Multiply 3 times 744 (= 2232)            Subtract 2232 from 2893 (= 661)            Bring down the 0</p> <p>Divide 744 into 6610 (= 8)            Multiply 8 times 744 (= 5952)            Subtract 5952 from 6610 (= 658)            Bring down the 4</p> <p>Divide 744 into 6584 (= 8)            Multiply 8 times 744 (= 5952)            Subtract 5952 from 6584 (= 632)            Bring down the 9</p> <p>Divide 744 into 6329 (= 8)            Multiply 8 times 744 (= 5952)            Subtract 5952 from 6329 (= 377)            Bring down the 4</p> <p>Divide 744 into 3774 (= 5)            Multiply 5 times 744 (= 3720)            Subtract 3720 from 3774 (= 54)            Bring down the 4</p> <p>Divide 744 into 544 (= 0)            Multiply 0 times 744 (= 0)            Subtract 0 from 544 (= 544)            Done. No more numbers to bring down.</p>	<p>(3)</p> $  \begin{array}{r}  1034264 \text{ R}89 \\  590 \overline{) 610215849} \\  \underline{- 590} \quad (1 \times 590) \\  202 \\  \underline{- 0} \quad (0 \times 590) \\  2021 \\  \underline{- 1770} \quad (3 \times 590) \\  2515 \\  \underline{- 2360} \quad (4 \times 590) \\  1558 \\  \underline{- 1180} \quad (2 \times 590) \\  3784 \\  \underline{- 3540} \quad (6 \times 590) \\  2449 \\  \underline{- 2360} \quad (4 \times 590) \\  \text{Remainder -->} \quad 89  \end{array}  $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 590 into 610 (= 1)            Multiply 1 times 590 (= 590)            Subtract 590 from 610 (= 20)            Bring down the 2</p> <p>Divide 590 into 202 (= 0)            Multiply 0 times 590 (= 0)            Subtract 0 from 202 (= 202)            Bring down the 1</p> <p>Divide 590 into 2021 (= 3)            Multiply 3 times 590 (= 1770)            Subtract 1770 from 2021 (= 251)            Bring down the 5</p> <p>Divide 590 into 2515 (= 4)            Multiply 4 times 590 (= 2360)            Subtract 2360 from 2515 (= 155)            Bring down the 8</p> <p>Divide 590 into 1558 (= 2)            Multiply 2 times 590 (= 1180)            Subtract 1180 from 1558 (= 378)            Bring down the 4</p> <p>Divide 590 into 3784 (= 6)            Multiply 6 times 590 (= 3540)            Subtract 3540 from 3784 (= 244)            Bring down the 9</p> <p>Divide 590 into 2449 (= 4)            Multiply 4 times 590 (= 2360)            Subtract 2360 from 2449 (= 89)            Done. No more numbers to bring down.</p>
--	---	---