

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

892 | 749226775

(2)

540 | 597954496

(3)

767 | 385088239

Name \_\_\_\_\_

Date \_\_\_\_\_

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

<p>(1)</p> $  \begin{array}{r}  839940 \text{ R}295 \\  892 \overline{) 749226775} \\  \underline{- 7136} \quad (8 \times 892) \\  3562 \\  \underline{- 2676} \quad (3 \times 892) \\  8866 \\  \underline{- 8028} \quad (9 \times 892) \\  8387 \\  \underline{- 8028} \quad (9 \times 892) \\  3597 \\  \underline{- 3568} \quad (4 \times 892) \\  295 \\  \underline{- 0} \quad (0 \times 892) \\  \text{Remainder -->} \quad 295  \end{array}  $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 892 into 7492 (= 8)  Multiply 8 times 892 (= 7136)  Subtract 7136 from 7492 (= 356)  Bring down the 2</p> <p>Divide 892 into 3562 (= 3)  Multiply 3 times 892 (= 2676)  Subtract 2676 from 3562 (= 886)  Bring down the 6</p> <p>Divide 892 into 8866 (= 9)  Multiply 9 times 892 (= 8028)  Subtract 8028 from 8866 (= 838)  Bring down the 7</p> <p>Divide 892 into 8387 (= 9)  Multiply 9 times 892 (= 8028)  Subtract 8028 from 8387 (= 359)  Bring down the 7</p> <p>Divide 892 into 3597 (= 4)  Multiply 4 times 892 (= 3568)  Subtract 3568 from 3597 (= 29)  Bring down the 5</p> <p>Divide 892 into 295 (= 0)  Multiply 0 times 892 (= 0)  Subtract 0 from 295 (= 295)  Done. No more numbers to bring down.</p>	<p>(2)</p> $  \begin{array}{r}  1107323 \text{ R}76 \\  540 \overline{) 597954496} \\  \underline{- 540} \quad (1 \times 540) \\  579 \\  \underline{- 540} \quad (1 \times 540) \\  395 \\  \underline{- 0} \quad (0 \times 540) \\  3954 \\  \underline{- 3780} \quad (7 \times 540) \\  1744 \\  \underline{- 1620} \quad (3 \times 540) \\  1249 \\  \underline{- 1080} \quad (2 \times 540) \\  1696 \\  \underline{- 1620} \quad (3 \times 540) \\  \text{Remainder -->} \quad 76  \end{array}  $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 540 into 597 (= 1)  Multiply 1 times 540 (= 540)  Subtract 540 from 597 (= 57)  Bring down the 9</p> <p>Divide 540 into 579 (= 1)  Multiply 1 times 540 (= 540)  Subtract 540 from 579 (= 39)  Bring down the 5</p> <p>Divide 540 into 395 (= 0)  Multiply 0 times 540 (= 0)  Subtract 0 from 395 (= 395)  Bring down the 4</p> <p>Divide 540 into 3954 (= 7)  Multiply 7 times 540 (= 3780)  Subtract 3780 from 3954 (= 174)  Bring down the 4</p> <p>Divide 540 into 1744 (= 3)  Multiply 3 times 540 (= 1620)  Subtract 1620 from 1744 (= 124)  Bring down the 9</p> <p>Divide 540 into 1249 (= 2)  Multiply 2 times 540 (= 1080)  Subtract 1080 from 1249 (= 169)  Bring down the 6</p>	<p>(3)</p> $  \begin{array}{r}  502070 \text{ R}549 \\  767 \overline{) 385088239} \\  \underline{- 3835} \quad (5 \times 767) \\  158 \\  \underline{- 0} \quad (0 \times 767) \\  1588 \\  \underline{- 1534} \quad (2 \times 767) \\  542 \\  \underline{- 0} \quad (0 \times 767) \\  5423 \\  \underline{- 5369} \quad (7 \times 767) \\  549 \\  \underline{- 0} \quad (0 \times 767) \\  \text{Remainder -->} \quad 549  \end{array}  $ <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 767 into 3850 (= 5)  Multiply 5 times 767 (= 3835)  Subtract 3835 from 3850 (= 15)  Bring down the 8</p> <p>Divide 767 into 158 (= 0)  Multiply 0 times 767 (= 0)  Subtract 0 from 158 (= 158)  Bring down the 8</p> <p>Divide 767 into 1588 (= 2)  Multiply 2 times 767 (= 1534)  Subtract 1534 from 1588 (= 54)  Bring down the 2</p> <p>Divide 767 into 542 (= 0)  Multiply 0 times 767 (= 0)  Subtract 0 from 542 (= 542)  Bring down the 3</p> <p>Divide 767 into 5423 (= 7)  Multiply 7 times 767 (= 5369)  Subtract 5369 from 5423 (= 54)  Bring down the 9</p> <p>Divide 767 into 549 (= 0)  Multiply 0 times 767 (= 0)  Subtract 0 from 549 (= 549)  Done. No more numbers to bring down.</p>
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Divide 540 into 1696 (= 3)

Multiply 3 times 540 (= 1620)

Subtract 1620 from 1696 (= 76)

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Done. No more numbers to bring down.