

Name _____

Date _____

(1)

450 | 197687734

(2)

657 | 469969421

(3)

561 | 103875895

Name _____

Date _____

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

<p>(1)</p> $ \begin{array}{r} 439306 \text{ R}34 \\ 450 \overline{) 197687734} \\ \underline{- 1800} \quad (4 \times 450) \\ 1768 \\ \underline{- 1350} \quad (3 \times 450) \\ 4187 \\ \underline{- 4050} \quad (9 \times 450) \\ 1377 \\ \underline{- 1350} \quad (3 \times 450) \\ 273 \\ \underline{- 0} \quad (0 \times 450) \\ 2734 \\ \underline{- 2700} \quad (6 \times 450) \\ 34 \end{array} $ <p>Remainder --> 34</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 450 into 1976 (= 4) Multiply 4 times 450 (= 1800) Subtract 1800 from 1976 (= 176) Bring down the 8</p> <p>Divide 450 into 1768 (= 3) Multiply 3 times 450 (= 1350) Subtract 1350 from 1768 (= 418) Bring down the 7</p> <p>Divide 450 into 4187 (= 9) Multiply 9 times 450 (= 4050) Subtract 4050 from 4187 (= 137) Bring down the 7</p> <p>Divide 450 into 1377 (= 3) Multiply 3 times 450 (= 1350) Subtract 1350 from 1377 (= 27) Bring down the 3</p> <p>Divide 450 into 273 (= 0) Multiply 0 times 450 (= 0) Subtract 0 from 273 (= 273) Bring down the 4</p> <p>Divide 450 into 2734 (= 6) Multiply 6 times 450 (= 2700) Subtract 2700 from 2734 (= 34) Done. No more numbers to bring down.</p>	<p>(2)</p> $ \begin{array}{r} 715326 \text{ R}239 \\ 657 \overline{) 469969421} \\ \underline{- 4599} \quad (7 \times 657) \\ 1006 \\ \underline{- 657} \quad (1 \times 657) \\ 3499 \\ \underline{- 3285} \quad (5 \times 657) \\ 2144 \\ \underline{- 1971} \quad (3 \times 657) \\ 1732 \\ \underline{- 1314} \quad (2 \times 657) \\ 4181 \\ \underline{- 3942} \quad (6 \times 657) \\ 239 \end{array} $ <p>Remainder --> 239</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 657 into 4699 (= 7) Multiply 7 times 657 (= 4599) Subtract 4599 from 4699 (= 100) Bring down the 6</p> <p>Divide 657 into 1006 (= 1) Multiply 1 times 657 (= 657) Subtract 657 from 1006 (= 349) Bring down the 9</p> <p>Divide 657 into 3499 (= 5) Multiply 5 times 657 (= 3285) Subtract 3285 from 3499 (= 214) Bring down the 4</p> <p>Divide 657 into 2144 (= 3) Multiply 3 times 657 (= 1971) Subtract 1971 from 2144 (= 173) Bring down the 2</p> <p>Divide 657 into 1732 (= 2) Multiply 2 times 657 (= 1314) Subtract 1314 from 1732 (= 418) Bring down the 1</p> <p>Divide 657 into 4181 (= 6) Multiply 6 times 657 (= 3942) Subtract 3942 from 4181 (= 239) Done. No more numbers to bring down.</p>	<p>(3)</p> $ \begin{array}{r} 185162 \text{ R}13 \\ 561 \overline{) 103875895} \\ \underline{- 561} \quad (1 \times 561) \\ 4777 \\ \underline{- 4488} \quad (8 \times 561) \\ 2895 \\ \underline{- 2805} \quad (5 \times 561) \\ 908 \\ \underline{- 561} \quad (1 \times 561) \\ 3479 \\ \underline{- 3366} \quad (6 \times 561) \\ 1135 \\ \underline{- 1122} \quad (2 \times 561) \\ 13 \end{array} $ <p>Remainder --> 13</p> <p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 561 into 1038 (= 1) Multiply 1 times 561 (= 561) Subtract 561 from 1038 (= 477) Bring down the 7</p> <p>Divide 561 into 4777 (= 8) Multiply 8 times 561 (= 4488) Subtract 4488 from 4777 (= 289) Bring down the 5</p> <p>Divide 561 into 2895 (= 5) Multiply 5 times 561 (= 2805) Subtract 2805 from 2895 (= 90) Bring down the 8</p> <p>Divide 561 into 908 (= 1) Multiply 1 times 561 (= 561) Subtract 561 from 908 (= 347) Bring down the 9</p> <p>Divide 561 into 3479 (= 6) Multiply 6 times 561 (= 3366) Subtract 3366 from 3479 (= 113) Bring down the 5</p> <p>Divide 561 into 1135 (= 2) Multiply 2 times 561 (= 1122) Subtract 1122 from 1135 (= 13) Done. No more numbers to bring down.</p>
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