

Name \_\_\_\_\_

Date \_\_\_\_\_

(1)

835 | 879630587

(2)

277 | 458390014

(3)

819 | 893604604

Name \_\_\_\_\_

Date \_\_\_\_\_

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

<p>(1)</p> $  \begin{array}{r}  1053449 \text{ R}672 \\  835 \overline{) 879630587} \\  \underline{- 835} \quad (1 \times 835) \\  446 \\  \underline{- 0} \quad (0 \times 835) \\  4463 \\  \underline{- 4175} \quad (5 \times 835) \\  2880 \\  \underline{- 2505} \quad (3 \times 835) \\  3755 \\  \underline{- 3340} \quad (4 \times 835) \\  4158 \\  \underline{- 3340} \quad (4 \times 835) \\  8187 \\  \underline{- 7515} \quad (9 \times 835) \\  \text{Remainder -->} \quad 672  \end{array}  $	<p>(2)</p> $  \begin{array}{r}  1654837 \text{ R}165 \\  277 \overline{) 458390014} \\  \underline{- 277} \quad (1 \times 277) \\  1813 \\  \underline{- 1662} \quad (6 \times 277) \\  1519 \\  \underline{- 1385} \quad (5 \times 277) \\  1340 \\  \underline{- 1108} \quad (4 \times 277) \\  2320 \\  \underline{- 2216} \quad (8 \times 277) \\  1041 \\  \underline{- 831} \quad (3 \times 277) \\  2104 \\  \underline{- 1939} \quad (7 \times 277) \\  \text{Remainder -->} \quad 165  \end{array}  $	<p>(3)</p> $  \begin{array}{r}  1091092 \text{ R}256 \\  819 \overline{) 893604604} \\  \underline{- 819} \quad (1 \times 819) \\  746 \\  \underline{- 0} \quad (0 \times 819) \\  7460 \\  \underline{- 7371} \quad (9 \times 819) \\  894 \\  \underline{- 819} \quad (1 \times 819) \\  756 \\  \underline{- 0} \quad (0 \times 819) \\  7560 \\  \underline{- 7371} \quad (9 \times 819) \\  1894 \\  \underline{- 1638} \quad (2 \times 819) \\  \text{Remainder -->} \quad 256  \end{array}  $
<p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 835 into 879 (= 1)  Multiply 1 times 835 (= 835)  Subtract 835 from 879 (= 44)  Bring down the 6</p> <p>Divide 835 into 446 (= 0)  Multiply 0 times 835 (= 0)  Subtract 0 from 446 (= 446)  Bring down the 3</p> <p>Divide 835 into 4463 (= 5)  Multiply 5 times 835 (= 4175)  Subtract 4175 from 4463 (= 288)  Bring down the 0</p> <p>Divide 835 into 2880 (= 3)  Multiply 3 times 835 (= 2505)  Subtract 2505 from 2880 (= 375)  Bring down the 5</p> <p>Divide 835 into 3755 (= 4)  Multiply 4 times 835 (= 3340)  Subtract 3340 from 3755 (= 415)  Bring down the 8</p> <p>Divide 835 into 4158 (= 4)  Multiply 4 times 835 (= 3340)  Subtract 3340 from 4158 (= 818)  Bring down the 7</p> <p>Divide 835 into 8187 (= 9)  Multiply 9 times 835 (= 7515)  Subtract 7515 from 8187 (= 672)  Done. No more numbers to bring down.</p>	<p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 277 into 458 (= 1)  Multiply 1 times 277 (= 277)  Subtract 277 from 458 (= 181)  Bring down the 3</p> <p>Divide 277 into 1813 (= 6)  Multiply 6 times 277 (= 1662)  Subtract 1662 from 1813 (= 151)  Bring down the 9</p> <p>Divide 277 into 1519 (= 5)  Multiply 5 times 277 (= 1385)  Subtract 1385 from 1519 (= 134)  Bring down the 0</p> <p>Divide 277 into 1340 (= 4)  Multiply 4 times 277 (= 1108)  Subtract 1108 from 1340 (= 232)  Bring down the 0</p> <p>Divide 277 into 2320 (= 8)  Multiply 8 times 277 (= 2216)  Subtract 2216 from 2320 (= 104)  Bring down the 1</p> <p>Divide 277 into 1041 (= 3)  Multiply 3 times 277 (= 831)  Subtract 831 from 1041 (= 210)  Bring down the 4</p> <p>Divide 277 into 2104 (= 7)  Multiply 7 times 277 (= 1939)  Subtract 1939 from 2104 (= 165)  Done. No more numbers to bring down.</p>	<p>Divide, Multiply, Subtract, Bring down, Repeat</p> <p>Divide 819 into 893 (= 1)  Multiply 1 times 819 (= 819)  Subtract 819 from 893 (= 74)  Bring down the 6</p> <p>Divide 819 into 746 (= 0)  Multiply 0 times 819 (= 0)  Subtract 0 from 746 (= 746)  Bring down the 0</p> <p>Divide 819 into 7460 (= 9)  Multiply 9 times 819 (= 7371)  Subtract 7371 from 7460 (= 89)  Bring down the 4</p> <p>Divide 819 into 894 (= 1)  Multiply 1 times 819 (= 819)  Subtract 819 from 894 (= 75)  Bring down the 6</p> <p>Divide 819 into 756 (= 0)  Multiply 0 times 819 (= 0)  Subtract 0 from 756 (= 756)  Bring down the 0</p> <p>Divide 819 into 7560 (= 9)  Multiply 9 times 819 (= 7371)  Subtract 7371 from 7560 (= 189)  Bring down the 4</p> <p>Divide 819 into 1894 (= 2)  Multiply 2 times 819 (= 1638)  Subtract 1638 from 1894 (= 256)  Done. No more numbers to bring down.</p>