

Name _____

Date _____

(1)

426984 | 466291651

(2)

593237 | 692875704

(3)

284138 | 986221958

Name _____

Date _____

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

(1)

$$\begin{array}{r}
 426984 \overline{) 466291651} \\
 \underline{- 426984} \quad (1 \times 426984) \\
 393076 \\
 \underline{- 0} \quad (0 \times 426984) \\
 3930765 \\
 \underline{- 3842856} \quad (9 \times 426984) \\
 879091 \\
 \underline{- 853968} \quad (2 \times 426984) \\
 \text{Remainder --> } 25123
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 426984 into 466291 (= 1)
 Multiply 1 times 426984 (= 426984)
 Subtract 426984 from 466291 (= 39307)
 Bring down the 6

Divide 426984 into 393076 (= 0)
 Multiply 0 times 426984 (= 0)
 Subtract 0 from 393076 (= 393076)
 Bring down the 5

Divide 426984 into 3930765 (= 9)
 Multiply 9 times 426984 (= 3842856)
 Subtract 3842856 from 3930765 (= 87909)
 Bring down the 1

Divide 426984 into 879091 (= 2)
 Multiply 2 times 426984 (= 853968)
 Subtract 853968 from 879091 (= 25123)
 Done. No more numbers to bring down.

(2)

$$\begin{array}{r}
 593237 \overline{) 692875704} \\
 \underline{- 593237} \quad (1 \times 593237) \\
 996387 \\
 \underline{- 593237} \quad (1 \times 593237) \\
 4031500 \\
 \underline{- 3559422} \quad (6 \times 593237) \\
 4720784 \\
 \underline{- 4152659} \quad (7 \times 593237) \\
 \text{Remainder --> } 568125
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 593237 into 692875 (= 1)
 Multiply 1 times 593237 (= 593237)
 Subtract 593237 from 692875 (= 99638)
 Bring down the 7

Divide 593237 into 996387 (= 1)
 Multiply 1 times 593237 (= 593237)
 Subtract 593237 from 996387 (= 403150)
 Bring down the 0

Divide 593237 into 4031500 (= 6)
 Multiply 6 times 593237 (= 3559422)
 Subtract 3559422 from 4031500 (= 472078)
 Bring down the 4

Divide 593237 into 4720784 (= 7)
 Multiply 7 times 593237 (= 4152659)
 Subtract 4152659 from 4720784 (= 568125)
 Done. No more numbers to bring down.

(3)

$$\begin{array}{r}
 284138 \overline{) 986221958} \\
 \underline{- 852414} \quad (3 \times 284138) \\
 1338079 \\
 \underline{- 1136552} \quad (4 \times 284138) \\
 2015275 \\
 \underline{- 1988966} \quad (7 \times 284138) \\
 263098 \\
 \underline{- 0} \quad (0 \times 284138) \\
 \text{Remainder --> } 263098
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 284138 into 986221 (= 3)
 Multiply 3 times 284138 (= 852414)
 Subtract 852414 from 986221 (= 133807)
 Bring down the 9

Divide 284138 into 1338079 (= 4)
 Multiply 4 times 284138 (= 1136552)
 Subtract 1136552 from 1338079 (= 201527)
 Bring down the 5

Divide 284138 into 2015275 (= 7)
 Multiply 7 times 284138 (= 1988966)
 Subtract 1988966 from 2015275 (= 26309)
 Bring down the 8

Divide 284138 into 263098 (= 0)
 Multiply 0 times 284138 (= 0)
 Subtract 0 from 263098 (= 263098)
 Done. No more numbers to bring down.