

Name _____

Date _____

(1)

443454 | 315684358

(2)

568771 | 200331107

(3)

434606 | 415907712

Name _____

Date _____

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

(1)

$$\begin{array}{r}
 \overline{) 315684358} \\
 \underline{3104178} \quad (7 \times 443454) \\
 526655 \\
 \underline{443454} \quad (1 \times 443454) \\
 832018 \\
 \underline{443454} \quad (1 \times 443454) \\
 \hline
 \text{Remainder --> } 388564
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 443454 into 3156843 (= 7)
 Multiply 7 times 443454 (= 3104178)
 Subtract 3104178 from 3156843 (= 52665)
 Bring down the 5

Divide 443454 into 526655 (= 1)
 Multiply 1 times 443454 (= 443454)
 Subtract 443454 from 526655 (= 83201)
 Bring down the 8

Divide 443454 into 832018 (= 1)
 Multiply 1 times 443454 (= 443454)
 Subtract 443454 from 832018 (= 388564)
 Done. No more numbers to bring down.

(2)

$$\begin{array}{r}
 \overline{) 200331107} \\
 \underline{1706313} \quad (3 \times 568771) \\
 2969980 \\
 \underline{2843855} \quad (5 \times 568771) \\
 1261257 \\
 \underline{1137542} \quad (2 \times 568771) \\
 \hline
 \text{Remainder --> } 123715
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 568771 into 2003311 (= 3)
 Multiply 3 times 568771 (= 1706313)
 Subtract 1706313 from 2003311 (= 296998)
 Bring down the 0

Divide 568771 into 2969980 (= 5)
 Multiply 5 times 568771 (= 2843855)
 Subtract 2843855 from 2969980 (= 126125)
 Bring down the 7

Divide 568771 into 1261257 (= 2)
 Multiply 2 times 568771 (= 1137542)
 Subtract 1137542 from 1261257 (= 123715)
 Done. No more numbers to bring down.

(3)

$$\begin{array}{r}
 \overline{) 415907712} \\
 \underline{3911454} \quad (9 \times 434606) \\
 2476231 \\
 \underline{2173030} \quad (5 \times 434606) \\
 3032012 \\
 \underline{2607636} \quad (6 \times 434606) \\
 \hline
 \text{Remainder --> } 424376
 \end{array}$$

Divide, Multiply, Subtract, Bring down, Repeat

Divide 434606 into 4159077 (= 9)
 Multiply 9 times 434606 (= 3911454)
 Subtract 3911454 from 4159077 (= 247623)
 Bring down the 1

Divide 434606 into 2476231 (= 5)
 Multiply 5 times 434606 (= 2173030)
 Subtract 2173030 from 2476231 (= 303201)
 Bring down the 2

Divide 434606 into 3032012 (= 6)
 Multiply 6 times 434606 (= 2607636)
 Subtract 2607636 from 3032012 (= 424376)
 Done. No more numbers to bring down.