Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1)

$467 \overline{)331513}$

(2)

$415 \overline{)728729}$

(3)

$946 \overline{)449156}$

(4)

$136 \overline{)820935}$

(5)

$364 \overline{)209663}$

(6)

$842 \overline{)874792}$

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

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

(1)

```
      709 R410
467 | 331513
    - 3269      ( 7 x 467 )
      461
    -   0       ( 0 x 467 )
      4613
    - 4203      ( 9 x 467 )
Remainder -->   410
```

(2)

```
     1755 R404
415 | 728729
    -  415      ( 1 x 415 )
     3137
    - 2905      ( 7 x 415 )
      2322
    - 2075      ( 5 x 415 )
      2479
    - 2075      ( 5 x 415 )
Remainder -->   404
```

(3)

```
      474 R752
946 | 449156
    - 3784      ( 4 x 946 )
      7075
    - 6622      ( 7 x 946 )
      4536
    - 3784      ( 4 x 946 )
Remainder -->   752
```

(4)

```
      6036 R39
136 | 820935
    -  816      ( 6 x 136 )
       49
    -    0      ( 0 x 136 )
       493
    -  408      ( 3 x 136 )
       855
    -  816      ( 6 x 136 )
Remainder -->   39
```

(5)

```
      575 R363
364 | 209663
    - 1820      ( 5 x 364 )
      2766
    - 2548      ( 7 x 364 )
      2183
    - 1820      ( 5 x 364 )
Remainder -->   363
```

(6)

```
     1038 R796
842 | 874792
    -  842      ( 1 x 842 )
       327
    -    0      ( 0 x 842 )
      3279
    - 2526      ( 3 x 842 )
      7532
    - 6736      ( 8 x 842 )
Remainder -->   796
```