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

(1) $4\overline{)7909712}$	(2) $6\overline{)5230444}$	(3) $2\overline{)5039413}$
(4) $3\overline{)1114441}$	(5) $9\overline{)4493068}$	(6) $2\overline{)7717948}$

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)

```
        1977428 R0
4 | 7909712
  - 4          (1x4)
    39
  - 36         (9x4)
     30
   - 28        (7x4)
      29
    - 28       (7x4)
       17
     - 16      (4x4)
        11
      - 8      (2x4)
         32
       - 32    (8x4)
Remainder -->     0
```

(2)

```
        871740 R4
6 | 5230444
  - 48         (8x6)
    43
  - 42         (7x6)
     10
   - 6         (1x6)
      44
    - 42       (7x6)
       24
     - 24      (4x6)
        04
      - 0      (0x6)
Remainder -->     4
```

(3)

```
        2519706 R1
2 | 5039413
  - 4          (2x2)
    10
  - 10         (5x2)
     03
   - 2         (1x2)
      19
    - 18       (9x2)
       14
     - 14      (7x2)
        01
      - 0      (0x2)
         13
       - 12    (6x2)
Remainder -->     1
```

(4)

```
        371480 R1
3 | 1114441
  - 9          (3x3)
    21
  - 21         (7x3)
     04
   - 3         (1x3)
      14
    - 12       (4x3)
       24
     - 24      (8x3)
        01
      - 0      (0x3)
Remainder -->     1
```

(5)

```
        499229 R7
9 | 4493068
  - 36         (4x9)
    89
  - 81         (9x9)
     83
   - 81        (9x9)
      20
    - 18       (2x9)
       26
     - 18      (2x9)
        88
      - 81     (9x9)
Remainder -->     7
```

(6)

```
        3858974 R0
2 | 7717948
  - 6          (3x2)
    17
  - 16         (8x2)
     11
   - 10        (5x2)
      17
    - 16       (8x2)
       19
     - 18      (9x2)
        14
      - 14     (7x2)
         08
       - 8     (4x2)
Remainder -->     0
```