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

(1)

$3\overline{)296043340}$

(2)

$7\overline{)120241264}$

(3)

$7\overline{)966030070}$

(4)

$8\overline{)645434385}$

(5)

$6\overline{)230025382}$

(6)

$5\overline{)409623905}$

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)

```
      98681113 R1
   3 | 296043340
     - 27          (9x3)
       26
     - 24          (8x3)
        20
     - 18          (6x3)
         24
     - 24          (8x3)
          03
     -  3          (1x3)
          03
     -  3          (1x3)
           04
     -  3          (1x3)
           10
     -  9          (3x3)
            1
```

Remainder --> 1

(2)

```
      17177323 R3
   7 | 120241264
     - 7           (1x7)
       50
     - 49          (7x7)
        12
     -  7          (1x7)
         54
     - 49          (7x7)
          51
     - 49          (7x7)
           22
     - 21          (3x7)
            16
     - 14          (2x7)
             24
     - 21          (3x7)
              3
```

Remainder --> 3

(3)

```
      138004295 R5
   7 | 966030070
     - 7           (1x7)
       26
     - 21          (3x7)
        56
     - 56          (8x7)
         00
     -  0          (0x7)
          03
     -  0          (0x7)
           30
     - 28          (4x7)
            20
     - 14          (2x7)
             67
     - 63          (9x7)
              40
     - 35          (5x7)
               5
```

Remainder --> 5

(4)

```
      80679298 R1
   8 | 645434385
     - 64          (8x8)
       05
     -  0          (0x8)
        54
     - 48          (6x8)
         63
     - 56          (7x8)
          74
     - 72          (9x8)
           23
     - 16          (2x8)
            78
     - 72          (9x8)
             65
     - 64          (8x8)
              1
```

Remainder --> 1

(5)

```
      38337563 R4
   6 | 230025382
     - 18          (3x6)
       50
     - 48          (8x6)
        20
     - 18          (3x6)
         22
     - 18          (3x6)
          45
     - 42          (7x6)
           33
     - 30          (5x6)
            38
     - 36          (6x6)
             22
     - 18          (3x6)
              4
```

Remainder --> 4

(6)

```
      81924781 R0
   5 | 409623905
     - 40          (8x5)
       09
     -  5          (1x5)
        46
     - 45          (9x5)
         12
     - 10          (2x5)
          23
     - 20          (4x5)
           39
     - 35          (7x5)
            40
     - 40          (8x5)
             05
     -  5          (1x5)
              0
```

Remainder --> 0