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

(1) $3\overline{)405474024}$	(2) $7\overline{)611827064}$	(3) $7\overline{)919199150}$
(4) $5\overline{)721948864}$	(5) $6\overline{)419759852}$	(6) $8\overline{)827292808}$

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)

```
      135158008 R0
   3 | 405474024
     - 3          (1x3)
       10
     - 9          (3x3)
       15
     - 15         (5x3)
        04
     - 3          (1x3)
        17
     - 15         (5x3)
        24
     - 24         (8x3)
         00
     - 0          (0x3)
         02
     - 0          (0x3)
          24
     - 24         (8x3)
           0
```

Remainder --> 0

(2)

```
      87403866 R2
   7 | 611827064
     - 56         (8x7)
       51
     - 49         (7x7)
        28
     - 28         (4x7)
         02
     - 0          (0x7)
          27
     - 21         (3x7)
           60
     - 56         (8x7)
            46
     - 42         (6x7)
             44
     - 42         (6x7)
              2
```

Remainder --> 2

(3)

```
      131314164 R2
   7 | 919199150
     - 7          (1x7)
       21
     - 21         (3x7)
        09
     - 7          (1x7)
         21
     - 21         (3x7)
          09
     - 7          (1x7)
           29
     - 28         (4x7)
            11
     - 7          (1x7)
             45
     - 42         (6x7)
              30
     - 28         (4x7)
               2
```

Remainder --> 2

(4)

```
      144389772 R4
   5 | 721948864
     - 5          (1x5)
       22
     - 20         (4x5)
        21
     - 20         (4x5)
         19
     - 15         (3x5)
          44
     - 40         (8x5)
           48
     - 45         (9x5)
            38
     - 35         (7x5)
             36
     - 35         (7x5)
              14
     - 10         (2x5)
               4
```

Remainder --> 4

(5)

```
      69959975 R2
   6 | 419759852
     - 36         (6x6)
       59
     - 54         (9x6)
        57
     - 54         (9x6)
         35
     - 30         (5x6)
          59
     - 54         (9x6)
           58
     - 54         (9x6)
            45
     - 42         (7x6)
             32
     - 30         (5x6)
              2
```

Remainder --> 2

(6)

```
      103411601 R0
   8 | 827292808
     - 8          (1x8)
       02
     - 0          (0x8)
        27
     - 24         (3x8)
         32
     - 32         (4x8)
          09
     - 8          (1x8)
           12
     - 8          (1x8)
            48
     - 48         (6x8)
             00
     - 0          (0x8)
              08
     - 8          (1x8)
               0
```

Remainder --> 0