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

(1)

$8\overline{)19966769}$

(2)

$5\overline{)94956741}$

(3)

$2\overline{)62910622}$

(4)

$5\overline{)90844996}$

(5)

$3\overline{)60192035}$

(6)

$6\overline{)62644739}$

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)

```
      2495846 R1
   8 | 19966769
     - 16          (2x8)
       39
     - 32          (4x8)
        76
     - 72          (9x8)
         46
     - 40          (5x8)
          67
     - 64          (8x8)
           36
     - 32          (4x8)
             49
     - 48          (6x8)
              1
```

Remainder --> 1

(2)

```
      18991348 R1
   5 | 94956741
     - 5           (1x5)
       44
     - 40          (8x5)
        49
     - 45          (9x5)
         45
     - 45          (9x5)
          06
     - 5           (1x5)
           17
     - 15          (3x5)
             24
     - 20          (4x5)
              41
     - 40          (8x5)
               1
```

Remainder --> 1

(3)

```
      31455311 R0
   2 | 62910622
     - 6           (3x2)
       02
     - 2           (1x2)
        09
     - 8           (4x2)
         11
     - 10          (5x2)
          10
     - 10          (5x2)
           06
     - 6           (3x2)
             02
     - 2           (1x2)
              02
     - 2           (1x2)
               0
```

Remainder --> 0

(4)

```
      18168999 R1
   5 | 90844996
     - 5           (1x5)
       40
     - 40          (8x5)
        08
     - 5           (1x5)
         34
     - 30          (6x5)
           44
     - 40          (8x5)
            49
     - 45          (9x5)
              49
     - 45          (9x5)
               46
     - 45          (9x5)
                1
```

Remainder --> 1

(5)

```
      20064011 R2
   3 | 60192035
     - 6           (2x3)
       00
     - 0           (0x3)
        01
     - 0           (0x3)
         19
     - 18          (6x3)
           12
     - 12          (4x3)
            00
     - 0           (0x3)
              03
     - 3           (1x3)
               05
     - 3           (1x3)
                2
```

Remainder --> 2

(6)

```
      10440789 R5
   6 | 62644739
     - 6           (1x6)
       02
     - 0           (0x6)
        26
     - 24          (4x6)
          24
     - 24          (4x6)
           04
     - 0           (0x6)
            47
     - 42          (7x6)
              53
     - 48          (8x6)
               59
     - 54          (9x6)
                5
```

Remainder --> 5