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

(1)

$3\overline{)543696502}$

(2)

$8\overline{)208567389}$

(3)

$5\overline{)698430992}$

(4)

$2\overline{)171270570}$

(5)

$8\overline{)479754690}$

(6)

$5\overline{)409407959}$

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)

```
      181232167 R1
   3 | 543696502
     - 3          (1x3)
       24
     - 24         (8x3)
       03
     - 3          (1x3)
       06
     - 6          (2x3)
       09
     - 9          (3x3)
       06
     - 6          (2x3)
       05
     - 3          (1x3)
       20
     - 18         (6x3)
       22
     - 21         (7x3)
        1
```

Remainder --> 1

(2)

```
      26070923 R5
   8 | 208567389
     - 16         (2x8)
       48
     - 48         (6x8)
       05
     - 0          (0x8)
       56
     - 56         (7x8)
       07
     - 0          (0x8)
       73
     - 72         (9x8)
       18
     - 16         (2x8)
       29
     - 24         (3x8)
        5
```

Remainder --> 5

(3)

```
      139686198 R2
   5 | 698430992
     - 5          (1x5)
       19
     - 15         (3x5)
       48
     - 45         (9x5)
       34
     - 30         (6x5)
       43
     - 40         (8x5)
       30
     - 30         (6x5)
       09
     - 5          (1x5)
       49
     - 45         (9x5)
       42
     - 40         (8x5)
        2
```

Remainder --> 2

(4)

```
      85635285 R0
   2 | 171270570
     - 16         (8x2)
       11
     - 10         (5x2)
       12
     - 12         (6x2)
       07
     - 6          (3x2)
       10
     - 10         (5x2)
       05
     - 4          (2x2)
       17
     - 16         (8x2)
       10
     - 10         (5x2)
        0
```

Remainder --> 0

(5)

```
      59969336 R2
   8 | 479754690
     - 40         (5x8)
       79
     - 72         (9x8)
       77
     - 72         (9x8)
       55
     - 48         (6x8)
       74
     - 72         (9x8)
       26
     - 24         (3x8)
       29
     - 24         (3x8)
       50
     - 48         (6x8)
        2
```

Remainder --> 2

(6)

```
      81881591 R4
   5 | 409407959
     - 40         (8x5)
       09
     - 5          (1x5)
       44
     - 40         (8x5)
       40
     - 40         (8x5)
       07
     - 5          (1x5)
       29
     - 25         (5x5)
       45
     - 45         (9x5)
       09
     - 5          (1x5)
        4
```

Remainder --> 4