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

(1) $3 \overline{)48506755}$	(2) $4 \overline{)43250659}$	(3) $9 \overline{)57388757}$
(4) $7 \overline{)44509753}$	(5) $5 \overline{)22392545}$	(6) $4 \overline{)57317776}$

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)

```
   16168918 R1
3 | 48506755
  - 3          (1x3)
    18
  - 18         (6x3)
     05
   - 3         (1x3)
     20
   - 18        (6x3)
      26
    - 24       (8x3)
      27
    - 27       (9x3)
       05
     - 3       (1x3)
       25
     - 24      (8x3)
         1
```

Remainder --> 1

(2)

```
   10812664 R3
4 | 43250659
  - 4          (1x4)
    03
  - 0          (0x4)
     32
   - 32        (8x4)
      05
    - 4        (1x4)
      10
    - 8        (2x4)
       26
     - 24      (6x4)
       25
     - 24      (6x4)
         19
     - 16      (4x4)
          3
```

Remainder --> 3

(3)

```
   6376528 R5
9 | 57388757
  - 54         (6x9)
    33
  - 27         (3x9)
     68
   - 63        (7x9)
      58
    - 54       (6x9)
      47
    - 45       (5x9)
       25
     - 18      (2x9)
       77
     - 72      (8x9)
          5
```

Remainder --> 5

(4)

```
   6358536 R1
7 | 44509753
  - 42         (6x7)
    25
  - 21         (3x7)
     40
   - 35        (5x7)
      59
    - 56       (8x7)
      37
    - 35       (5x7)
       25
     - 21      (3x7)
       43
     - 42      (6x7)
          1
```

Remainder --> 1

(5)

```
   4478509 R0
5 | 22392545
  - 20         (4x5)
    23
  - 20         (4x5)
     39
   - 35        (7x5)
      42
    - 40       (8x5)
      25
    - 25       (5x5)
       04
     - 0       (0x5)
       45
     - 45      (9x5)
          0
```

Remainder --> 0

(6)

```
   14329444 R0
4 | 57317776
  - 4          (1x4)
    17
  - 16         (4x4)
     13
   - 12        (3x4)
      11
    - 8        (2x4)
      37
    - 36       (9x4)
       17
     - 16      (4x4)
       17
     - 16      (4x4)
          16
        - 16   (4x4)
             0
```

Remainder --> 0