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

(1) $2\overline{)726390537}$	(2) $7\overline{)622750643}$	(3) $6\overline{)618580878}$
(4) $9\overline{)454144515}$	(5) $3\overline{)736734382}$	(6) $9\overline{)141307437}$

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)

```
        363195268 R1
    2 | 726390537
    - 6              (3x2)
      12
    - 12             (6x2)
       06
     - 6             (3x2)
        03
      - 2            (1x2)
         19
       - 18          (9x2)
          10
        - 10         (5x2)
           05
         - 4         (2x2)
            13
          - 12       (6x2)
             17
           - 16      (8x2)
Remainder -->  1
```

(2)

```
        88964377 R4
    7 | 622750643
    - 56             (8x7)
      62
    - 56             (8x7)
       67
     - 63            (9x7)
        45
      - 42           (6x7)
         30
       - 28          (4x7)
          26
        - 21         (3x7)
           54
         - 49        (7x7)
            53
          - 49       (7x7)
Remainder -->  4
```

(3)

```
        103096813 R0
    6 | 618580878
    - 6              (1x6)
      01
    - 0              (0x6)
       18
     - 18            (3x6)
        05
      - 0            (0x6)
         58
       - 54          (9x6)
          40
        - 36         (6x6)
           48
         - 48        (8x6)
            07
          - 6        (1x6)
             18
           - 18      (3x6)
Remainder -->  0
```

(4)

```
        50460501 R6
    9 | 454144515
    - 45             (5x9)
      04
    - 0              (0x9)
       41
     - 36            (4x9)
        54
      - 54           (6x9)
         04
       - 0           (0x9)
          45
        - 45         (5x9)
           01
         - 0         (0x9)
            15
          - 9        (1x9)
Remainder -->  6
```

(5)

```
        245578127 R1
    3 | 736734382
    - 6              (2x3)
      13
    - 12             (4x3)
       16
     - 15            (5x3)
        17
      - 15           (5x3)
         23
       - 21          (7x3)
          24
        - 24         (8x3)
           03
         - 3         (1x3)
            08
          - 6        (2x3)
             22
           - 21      (7x3)
Remainder -->  1
```

(6)

```
        15700826 R3
    9 | 141307437
    - 9              (1x9)
      51
    - 45             (5x9)
       63
     - 63            (7x9)
        00
      - 0            (0x9)
         07
       - 0           (0x9)
          74
        - 72         (8x9)
           23
         - 18        (2x9)
            57
          - 54       (6x9)
Remainder -->  3
```