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

(1) $4\overline{)808729017}$	(2) $5\overline{)697824326}$	(3) $2\overline{)843058444}$
(4) $4\overline{)456723502}$	(5) $2\overline{)902874466}$	(6) $2\overline{)353626200}$

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)

```
      202182254 R1
4 | 808729017
  - 8          (2x4)
    00
  - 0          (0x4)
    08
  - 8          (2x4)
     07
   - 4         (1x4)
     32
   - 32        (8x4)
      09
    - 8        (2x4)
      10
    - 8        (2x4)
       21
     - 20      (5x4)
        17
     - 16      (4x4)
         1
Remainder -->
```

(2)

```
      139564865 R1
5 | 697824326
  - 5          (1x5)
    19
  - 15         (3x5)
     47
   - 45        (9x5)
      28
    - 25       (5x5)
      32
    - 30       (6x5)
       24
     - 20      (4x5)
       43
     - 40      (8x5)
        32
      - 30     (6x5)
         26
       - 25    (5x5)
          1
Remainder -->
```

(3)

```
      421529222 R0
2 | 843058444
  - 8          (4x2)
    04
  - 4          (2x2)
    03
  - 2          (1x2)
     10
   - 10        (5x2)
      05
    - 4        (2x2)
      18
    - 18       (9x2)
       04
     - 4       (2x2)
       04
     - 4       (2x2)
        04
      - 4      (2x2)
         0
Remainder -->
```

(4)

```
      114180875 R2
4 | 456723502
  - 4          (1x4)
    05
  - 4          (1x4)
     16
   - 16        (4x4)
      07
    - 4        (1x4)
      32
    - 32       (8x4)
       03
     - 0       (0x4)
       35
     - 32      (8x4)
        30
      - 28     (7x4)
         22
       - 20    (5x4)
          2
Remainder -->
```

(5)

```
      451437233 R0
2 | 902874466
  - 8          (4x2)
    10
  - 10         (5x2)
     02
   - 2         (1x2)
      08
    - 8        (4x2)
      07
    - 6        (3x2)
       14
     - 14      (7x2)
        04
      - 4      (2x2)
        06
      - 6      (3x2)
         06
       - 6     (3x2)
          0
Remainder -->
```

(6)

```
      176813100 R0
2 | 353626200
  - 2          (1x2)
    15
  - 14         (7x2)
     13
   - 12        (6x2)
      16
    - 16       (8x2)
       02
     - 2       (1x2)
       06
     - 6       (3x2)
        02
      - 2      (1x2)
        00
      - 0      (0x2)
         00
       - 0     (0x2)
          0
Remainder -->
```