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

(1)

$90 \overline{)219429230}$

(2)

$92 \overline{)878635525}$

(3)

$75 \overline{)273429140}$

(4)

$16 \overline{)190407998}$

(5)

$69 \overline{)944448337}$

(6)

$58 \overline{)311648677}$

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)

```
          2438102 R50
90 | 219429230
   - 180          ( 2 x 90 )
     394
   - 360          ( 4 x 90 )
      342
    - 270         ( 3 x 90 )
       729
     - 720        ( 8 x 90 )
        92
      - 90        ( 1 x 90 )
         23
       - 0        ( 0 x 90 )
         230
       - 180      ( 2 x 90 )
Remainder -->      50
```

(2)

```
          9550386 R13
92 | 878635525
   - 828          ( 9 x 92 )
     506
   - 460          ( 5 x 92 )
      463
    - 460         ( 5 x 92 )
       35
     - 0          ( 0 x 92 )
       355
     - 276        ( 3 x 92 )
        792
      - 736       ( 8 x 92 )
         565
       - 552      ( 6 x 92 )
Remainder -->      13
```

(3)

```
          3645721 R65
75 | 273429140
   - 225          ( 3 x 75 )
     484
   - 450          ( 6 x 75 )
      342
    - 300         ( 4 x 75 )
       429
     - 375        ( 5 x 75 )
        541
      - 525       ( 7 x 75 )
         164
       - 150      ( 2 x 75 )
          140
        - 75      ( 1 x 75 )
Remainder -->      65
```

(4)

```
          11900499 R14
16 | 190407998
   - 16           ( 1 x 16 )
     30
   - 16           ( 1 x 16 )
      144
    - 144         ( 9 x 16 )
        00
      - 0         ( 0 x 16 )
        07
      - 0         ( 0 x 16 )
         79
       - 64       ( 4 x 16 )
          159
        - 144     ( 9 x 16 )
           158
         - 144    ( 9 x 16 )
Remainder -->      14
```

(5)

```
          13687657 R4
69 | 944448337
   - 69           ( 1 x 69 )
     254
   - 207          ( 3 x 69 )
      474
    - 414         ( 6 x 69 )
       604
     - 552        ( 8 x 69 )
        528
      - 483       ( 7 x 69 )
         453
       - 414      ( 6 x 69 )
          393
        - 345     ( 5 x 69 )
           487
         - 483    ( 7 x 69 )
Remainder -->      4
```

(6)

```
          5373253 R3
58 | 311648677
   - 290          ( 5 x 58 )
     216
   - 174          ( 3 x 58 )
      424
    - 406         ( 7 x 58 )
       188
     - 174        ( 3 x 58 )
        146
      - 116       ( 2 x 58 )
         307
       - 290      ( 5 x 58 )
          177
        - 174     ( 3 x 58 )
Remainder -->      3
```