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

(1)

87 | 198701519

(2)

72 | 464889474

(3)

48 | 101169742

(4)

80 | 348453816

(5)

49 | 721657398

(6)

40 | 197796094

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)

```
      2283925 R44
87 | 198701519
   - 174          ( 2 x 87 )
     247
   - 174          ( 2 x 87 )
     730
   - 696          ( 8 x 87 )
     341
   - 261          ( 3 x 87 )
     805
   - 783          ( 9 x 87 )
     221
   - 174          ( 2 x 87 )
     479
   - 435          ( 5 x 87 )
      44
```

Remainder --> 44

(2)

```
      6456798 R18
72 | 464889474
   - 432          ( 6 x 72 )
     328
   - 288          ( 4 x 72 )
     408
   - 360          ( 5 x 72 )
     489
   - 432          ( 6 x 72 )
     574
   - 504          ( 7 x 72 )
     707
   - 648          ( 9 x 72 )
     594
   - 576          ( 8 x 72 )
      18
```

Remainder --> 18

(3)

```
      2107702 R46
48 | 101169742
   - 96           ( 2 x 48 )
     51
   - 48           ( 1 x 48 )
     36
   - 0            ( 0 x 48 )
     369
   - 336          ( 7 x 48 )
     337
   - 336          ( 7 x 48 )
      14
   - 0            ( 0 x 48 )
     142
   - 96           ( 2 x 48 )
      46
```

Remainder --> 46

(4)

```
      4355672 R56
80 | 348453816
   - 320          ( 4 x 80 )
     284
   - 240          ( 3 x 80 )
     445
   - 400          ( 5 x 80 )
     453
   - 400          ( 5 x 80 )
     538
   - 480          ( 6 x 80 )
     581
   - 560          ( 7 x 80 )
     216
   - 160          ( 2 x 80 )
      56
```

Remainder --> 56

(5)

```
      14727702 R0
49 | 721657398
   - 49           ( 1 x 49 )
     231
   - 196          ( 4 x 49 )
     356
   - 343          ( 7 x 49 )
     135
   - 98           ( 2 x 49 )
     377
   - 343          ( 7 x 49 )
     343
   - 343          ( 7 x 49 )
      09
   - 0            ( 0 x 49 )
      98
   - 98           ( 2 x 49 )
       0
```

Remainder --> 0

(6)

```
      4944902 R14
40 | 197796094
   - 160          ( 4 x 40 )
     377
   - 360          ( 9 x 40 )
     179
   - 160          ( 4 x 40 )
     196
   - 160          ( 4 x 40 )
     360
   - 360          ( 9 x 40 )
      09
   - 0            ( 0 x 40 )
      94
   - 80           ( 2 x 40 )
      14
```

Remainder --> 14