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

(1)

148 | 395180630

(2)

766 | 946062700

(3)

906 | 653668955

(4)

179 | 127996581

(5)

679 | 495737881

(6)

872 | 869073300

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)

```
          2670139 R58
      148 | 395180630
        - 296          ( 2 x 148 )
          991
        - 888          ( 6 x 148 )
          1038
        - 1036         ( 7 x 148 )
            20
          - 0          ( 0 x 148 )
            206
          - 148        ( 1 x 148 )
            583
          - 444        ( 3 x 148 )
            1390
        - 1332         ( 9 x 148 )
Remainder -->  58
```

(2)

```
          1235068 R612
      766 | 946062700
        - 766          ( 1 x 766 )
          1800
        - 1532         ( 2 x 766 )
          2686
        - 2298         ( 3 x 766 )
          3882
        - 3830         ( 5 x 766 )
            527
          - 0          ( 0 x 766 )
            5270
        - 4596         ( 6 x 766 )
            6740
        - 6128         ( 8 x 766 )
Remainder -->  612
```

(3)

```
          721488 R827
      906 | 653668955
        - 6342         ( 7 x 906 )
          1946
        - 1812         ( 2 x 906 )
          1348
        - 906          ( 1 x 906 )
          4429
        - 3624         ( 4 x 906 )
          8055
        - 7248         ( 8 x 906 )
          8075
        - 7248         ( 8 x 906 )
Remainder -->  827
```

(4)

```
          715064 R125
      179 | 127996581
        - 1253         ( 7 x 179 )
          269
        - 179          ( 1 x 179 )
          906
        - 895          ( 5 x 179 )
          115
          - 0          ( 0 x 179 )
          1158
        - 1074         ( 6 x 179 )
            841
        - 716          ( 4 x 179 )
Remainder -->  125
```

(5)

```
          730099 R660
      679 | 495737881
        - 4753         ( 7 x 679 )
          2043
        - 2037         ( 3 x 679 )
            67
          - 0          ( 0 x 679 )
            678
          - 0          ( 0 x 679 )
            6788
        - 6111         ( 9 x 679 )
            6771
        - 6111         ( 9 x 679 )
Remainder -->  660
```

(6)

```
          996643 R604
      872 | 869073300
        - 7848         ( 9 x 872 )
          8427
        - 7848         ( 9 x 872 )
          5793
        - 5232         ( 6 x 872 )
          5613
        - 5232         ( 6 x 872 )
          3810
        - 3488         ( 4 x 872 )
            3220
        - 2616         ( 3 x 872 )
Remainder -->  604
```