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

(1) $3390 \overline{)407336536}$	(2) $3910 \overline{)896795816}$	(3) $9079 \overline{)584192094}$
(4) $2060 \overline{)963128644}$	(5) $7199 \overline{)698525562}$	(6) $5709 \overline{)910265298}$

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)

```
          120158 R916
3390 | 407336536
     - 3390          ( 1 x 3390 )
       6833
     - 6780          ( 2 x 3390 )
        536
      - 0            ( 0 x 3390 )
       5365
     - 3390          ( 1 x 3390 )
       19753
     - 16950         ( 5 x 3390 )
        28036
     - 27120         ( 8 x 3390 )
Remainder -->  916
```

(2)

```
          229359 R2126
3910 | 896795816
     - 7820          ( 2 x 3910 )
       11479
     - 7820          ( 2 x 3910 )
        36595
     - 35190         ( 9 x 3910 )
        14058
     - 11730         ( 3 x 3910 )
        23281
     - 19550         ( 5 x 3910 )
        37316
     - 35190         ( 9 x 3910 )
Remainder -->  2126
```

(3)

```
          64345 R3839
9079 | 584192094
     - 54474         ( 6 x 9079 )
       39452
     - 36316         ( 4 x 9079 )
        31360
     - 27237         ( 3 x 9079 )
        41239
     - 36316         ( 4 x 9079 )
        49234
     - 45395         ( 5 x 9079 )
Remainder -->  3839
```

(4)

```
          467538 R364
2060 | 963128644
     - 8240          ( 4 x 2060 )
       13912
     - 12360         ( 6 x 2060 )
        15528
     - 14420         ( 7 x 2060 )
        11086
     - 10300         ( 5 x 2060 )
         7864
     - 6180          ( 3 x 2060 )
        16844
     - 16480         ( 8 x 2060 )
Remainder -->  364
```

(5)

```
          97030 R6592
7199 | 698525562
     - 64791         ( 9 x 7199 )
       50615
     - 50393         ( 7 x 7199 )
        2225
      - 0            ( 0 x 7199 )
       22256
     - 21597         ( 3 x 7199 )
        6592
      - 0            ( 0 x 7199 )
Remainder -->  6592
```

(6)

```
          159443 R5211
5709 | 910265298
     - 5709          ( 1 x 5709 )
       33936
     - 28545         ( 5 x 5709 )
        53915
     - 51381         ( 9 x 5709 )
        25342
     - 22836         ( 4 x 5709 )
        25069
     - 22836         ( 4 x 5709 )
        22338
     - 17127         ( 3 x 5709 )
Remainder -->  5211
```