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

(1) $43 \overline{)747095963}$	(2) $84 \overline{)676954082}$	(3) $63 \overline{)619679494}$
(4) $38 \overline{)939815858}$	(5) $41 \overline{)322365919}$	(6) $93 \overline{)600543941}$

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)

```
          17374324 R31
43 | 747095963
   - 43          ( 1 x 43 )
     317
   - 301         ( 7 x 43 )
      160
    - 129        ( 3 x 43 )
       319
     - 301       ( 7 x 43 )
        185
      - 172      ( 4 x 43 )
         139
       - 129     ( 3 x 43 )
          106
        - 86     ( 2 x 43 )
           203
         - 172   ( 4 x 43 )
Remainder -->       31
```

(2)

```
          8058977 R14
84 | 676954082
   - 672         ( 8 x 84 )
     49
   - 0           ( 0 x 84 )
     495
   - 420         ( 5 x 84 )
       754
     - 672       ( 8 x 84 )
        820
      - 756      ( 9 x 84 )
         648
       - 588     ( 7 x 84 )
          602
        - 588    ( 7 x 84 )
Remainder -->       14
```

(3)

```
          9836182 R28
63 | 619679494
   - 567         ( 9 x 63 )
     526
   - 504         ( 8 x 63 )
     227
   - 189         ( 3 x 63 )
       389
     - 378       ( 6 x 63 )
        114
      - 63       ( 1 x 63 )
         519
       - 504     ( 8 x 63 )
          154
        - 126    ( 2 x 63 )
Remainder -->       28
```

(4)

```
          24731996 R10
38 | 939815858
   - 76          ( 2 x 38 )
     179
   - 152         ( 4 x 38 )
      278
    - 266        ( 7 x 38 )
       121
     - 114       ( 3 x 38 )
         75
      - 38       ( 1 x 38 )
        378
      - 342      ( 9 x 38 )
         365
       - 342     ( 9 x 38 )
           238
         - 228   ( 6 x 38 )
Remainder -->       10
```

(5)

```
          7862583 R16
41 | 322365919
   - 287         ( 7 x 41 )
     353
   - 328         ( 8 x 41 )
     256
   - 246         ( 6 x 41 )
       105
     - 82        ( 2 x 41 )
       239
     - 205       ( 5 x 41 )
        341
      - 328      ( 8 x 41 )
         139
       - 123     ( 3 x 41 )
Remainder -->       16
```

(6)

```
          6457461 R68
93 | 600543941
   - 558         ( 6 x 93 )
     425
   - 372         ( 4 x 93 )
     534
   - 465         ( 5 x 93 )
       693
     - 651       ( 7 x 93 )
        429
      - 372      ( 4 x 93 )
         574
       - 558     ( 6 x 93 )
          161
        - 93     ( 1 x 93 )
Remainder -->       68
```