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

(1) $2130 \overline{)542761418}$	(2) $6735 \overline{)528623580}$	(3) $5639 \overline{)657456995}$
(4) $5735 \overline{)158649772}$	(5) $6265 \overline{)186078753}$	(6) $6090 \overline{)643393952}$

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)

```
          254817 R1208
2130 | 542761418
     - 4260        ( 2 x 2130 )
       11676
     - 10650       ( 5 x 2130 )
        10261
      - 8520       ( 4 x 2130 )
        17414
      - 17040      ( 8 x 2130 )
          3741
        - 2130     ( 1 x 2130 )
          16118
       - 14910     ( 7 x 2130 )
Remainder -->  1208
```

(2)

```
          78489 R165
6735 | 528623580
     - 47145       ( 7 x 6735 )
       57173
     - 53880       ( 8 x 6735 )
        32935
      - 26940      ( 4 x 6735 )
        59958
      - 53880      ( 8 x 6735 )
          60780
        - 60615    ( 9 x 6735 )
Remainder -->  165
```

(3)

```
          116591 R346
5639 | 657456995
     - 5639        ( 1 x 5639 )
       9355
     - 5639        ( 1 x 5639 )
        37166
      - 33834      ( 6 x 5639 )
        33329
      - 28195      ( 5 x 5639 )
          51349
        - 50751    ( 9 x 5639 )
            5985
          - 5639   ( 1 x 5639 )
Remainder -->  346
```

(4)

```
          27663 R2467
5735 | 158649772
     - 11470       ( 2 x 5735 )
       43949
     - 40145       ( 7 x 5735 )
        38047
      - 34410      ( 6 x 5735 )
        36377
      - 34410      ( 6 x 5735 )
          19672
        - 17205    ( 3 x 5735 )
Remainder -->  2467
```

(5)

```
          29701 R1988
6265 | 186078753
     - 12530       ( 2 x 6265 )
       60778
     - 56385       ( 9 x 6265 )
        43937
      - 43855      ( 7 x 6265 )
          825
        - 0        ( 0 x 6265 )
          8253
        - 6265     ( 1 x 6265 )
Remainder -->  1988
```

(6)

```
          105647 R3722
6090 | 643393952
     - 6090        ( 1 x 6090 )
       3439
     - 0           ( 0 x 6090 )
        34393
      - 30450      ( 5 x 6090 )
        39439
      - 36540      ( 6 x 6090 )
          28995
        - 24360    ( 4 x 6090 )
          46352
        - 42630    ( 7 x 6090 )
Remainder -->  3722
```