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

(1) $68\overline{)8450159}$	(2) $51\overline{)2859442}$	(3) $68\overline{)8804389}$
(4) $85\overline{)7275393}$	(5) $73\overline{)9005666}$	(6) $15\overline{)5980215}$

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)

```
        124267 R3
68 | 8450159
   - 68          ( 1 x 68 )
     165
   - 136         ( 2 x 68 )
      290
    - 272        ( 4 x 68 )
       181
     - 136       ( 2 x 68 )
        455
      - 408      ( 6 x 68 )
         479
       - 476     ( 7 x 68 )
Remainder -->      3
```

(2)

```
        56067 R25
51 | 2859442
   - 255         ( 5 x 51 )
     309
   - 306         ( 6 x 51 )
      34
    - 0          ( 0 x 51 )
      344
    - 306        ( 6 x 51 )
       382
     - 357       ( 7 x 51 )
Remainder -->      25
```

(3)

```
        129476 R21
68 | 8804389
   - 68          ( 1 x 68 )
     200
   - 136         ( 2 x 68 )
      644
    - 612        ( 9 x 68 )
       323
     - 272       ( 4 x 68 )
        518
      - 476      ( 7 x 68 )
         429
       - 408     ( 6 x 68 )
Remainder -->      21
```

(4)

```
        85592 R73
85 | 7275393
   - 680         ( 8 x 85 )
     475
   - 425         ( 5 x 85 )
      503
    - 425        ( 5 x 85 )
       789
     - 765       ( 9 x 85 )
        243
      - 170      ( 2 x 85 )
Remainder -->      73
```

(5)

```
        123365 R21
73 | 9005666
   - 73          ( 1 x 73 )
     170
   - 146         ( 2 x 73 )
      245
    - 219        ( 3 x 73 )
       266
     - 219       ( 3 x 73 )
        476
      - 438      ( 6 x 73 )
         386
       - 365     ( 5 x 73 )
Remainder -->      21
```

(6)

```
        398681 R0
15 | 5980215
   - 45          ( 3 x 15 )
     148
   - 135         ( 9 x 15 )
      130
    - 120        ( 8 x 15 )
       102
     - 90        ( 6 x 15 )
        121
      - 120      ( 8 x 15 )
         15
       - 15      ( 1 x 15 )
Remainder -->      0
```