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

(1) $47\overline{)6150209}$	(2) $35\overline{)4043250}$	(3) $87\overline{)4948794}$
(4) $63\overline{)4759280}$	(5) $97\overline{)8599818}$	(6) $55\overline{)8306628}$

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)

```
      130855 R24
  47 | 6150209
     - 47          ( 1 x 47 )
       145
     - 141         ( 3 x 47 )
        40
      - 0          ( 0 x 47 )
        402
      - 376        ( 8 x 47 )
         260
       - 235       ( 5 x 47 )
           259
         - 235     ( 5 x 47 )
Remainder -->  24
```

(2)

```
      115521 R15
  35 | 4043250
     - 35          ( 1 x 35 )
       54
     - 35          ( 1 x 35 )
       193
     - 175         ( 5 x 35 )
         182
       - 175       ( 5 x 35 )
           75
         - 70      ( 2 x 35 )
           50
         - 35      ( 1 x 35 )
Remainder -->  15
```

(3)

```
      56882 R60
  87 | 4948794
     - 435         ( 5 x 87 )
       598
     - 522         ( 6 x 87 )
       767
     - 696         ( 8 x 87 )
         719
       - 696       ( 8 x 87 )
           234
         - 174     ( 2 x 87 )
Remainder -->  60
```

(4)

```
      75544 R8
  63 | 4759280
     - 441         ( 7 x 63 )
       349
     - 315         ( 5 x 63 )
       342
     - 315         ( 5 x 63 )
         278
       - 252       ( 4 x 63 )
           260
         - 252     ( 4 x 63 )
Remainder -->  8
```

(5)

```
      88657 R89
  97 | 8599818
     - 776         ( 8 x 97 )
       839
     - 776         ( 8 x 97 )
       638
     - 582         ( 6 x 97 )
         561
       - 485       ( 5 x 97 )
           768
         - 679     ( 7 x 97 )
Remainder -->  89
```

(6)

```
      151029 R33
  55 | 8306628
     - 55          ( 1 x 55 )
       280
     - 275         ( 5 x 55 )
       56
     - 55          ( 1 x 55 )
         16
       - 0         ( 0 x 55 )
         162
       - 110       ( 2 x 55 )
           528
         - 495     ( 9 x 55 )
Remainder -->  33
```