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

(1)

$9\overline{)940250}$

(2)

$6\overline{)118231}$

(3)

$6\overline{)490316}$

(4)

$3\overline{)650624}$

(5)

$6\overline{)628840}$

(6)

$8\overline{)630563}$

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)

```
      104472 R2
   9 | 940250
     - 9          (1x9)
       04
     - 0          (0x9)
       40
     - 36         (4x9)
        42
     - 36         (4x9)
        65
     - 63         (7x9)
         20
     - 18         (2x9)
          2
```

Remainder --> 2

(2)

```
      19705 R1
   6 | 118231
     - 6          (1x6)
       58
     - 54         (9x6)
        42
     - 42         (7x6)
         03
     - 0          (0x6)
          31
     - 30         (5x6)
           1
```

Remainder --> 1

(3)

```
      81719 R2
   6 | 490316
     - 48         (8x6)
       10
     - 6          (1x6)
        43
     - 42         (7x6)
         11
     - 6          (1x6)
          56
     - 54         (9x6)
           2
```

Remainder --> 2

(4)

```
      216874 R2
   3 | 650624
     - 6          (2x3)
       05
     - 3          (1x3)
        20
     - 18         (6x3)
         26
     - 24         (8x3)
          22
     - 21         (7x3)
           14
     - 12         (4x3)
            2
```

Remainder --> 2

(5)

```
      104806 R4
   6 | 628840
     - 6          (1x6)
       02
     - 0          (0x6)
        28
     - 24         (4x6)
          48
     - 48         (8x6)
           04
     - 0          (0x6)
            40
     - 36         (6x6)
             4
```

Remainder --> 4

(6)

```
      78820 R3
   8 | 630563
     - 56         (7x8)
       70
     - 64         (8x8)
        65
     - 64         (8x8)
         16
     - 16         (2x8)
          03
     - 0          (0x8)
            3
```

Remainder --> 3