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

(1)

$9\overline{)149990}$

(2)

$7\overline{)175230}$

(3)

$2\overline{)829939}$

(4)

$7\overline{)973797}$

(5)

$2\overline{)916941}$

(6)

$8\overline{)266014}$

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)

```
   16665 R5
9 | 149990
  - 9          (1x9)
    59
  - 54         (6x9)
    59
  - 54         (6x9)
     59
   - 54        (6x9)
      50
    - 45       (5x9)
      5
```

Remainder --> 5

(2)

```
   25032 R6
7 | 175230
  - 14         (2x7)
    35
  - 35         (5x7)
     02
   - 0         (0x7)
     23
   - 21        (3x7)
      20
    - 14       (2x7)
      6
```

Remainder --> 6

(3)

```
   414969 R1
2 | 829939
  - 8          (4x2)
    02
  - 2          (1x2)
     09
   - 8         (4x2)
      19
    - 18       (9x2)
       13
     - 12      (6x2)
        19
      - 18     (9x2)
        1
```

Remainder --> 1

(4)

```
   139113 R6
7 | 973797
  - 7          (1x7)
    27
  - 21         (3x7)
     63
   - 63        (9x7)
      07
    - 7        (1x7)
      09
    - 7        (1x7)
      27
    - 21       (3x7)
      6
```

Remainder --> 6

(5)

```
   458470 R1
2 | 916941
  - 8          (4x2)
    11
  - 10         (5x2)
     16
   - 16        (8x2)
      09
    - 8        (4x2)
      14
    - 14       (7x2)
       01
     - 0       (0x2)
       1
```

Remainder --> 1

(6)

```
   33251 R6
8 | 266014
  - 24         (3x8)
    26
  - 24         (3x8)
     20
   - 16        (2x8)
      41
    - 40       (5x8)
      14
    - 8        (1x8)
      6
```

Remainder --> 6