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

(1) $6\overline{)423517}$	(2) $3\overline{)451706}$	(3) $6\overline{)301019}$
(4) $5\overline{)347812}$	(5) $7\overline{)326838}$	(6) $5\overline{)533811}$

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)

```
      70586 R1
   ------------
6 | 423517
  - 42          (7x6)
    ---
    03
  - 0           (0x6)
    ---
    35
  - 30          (5x6)
    ---
     51
   - 48         (8x6)
     ---
     37
   - 36         (6x6)
     ---
      1
```

Remainder --> 1

(2)

```
      150568 R2
   ------------
3 | 451706
  - 3           (1x3)
    ---
    15
  - 15          (5x3)
    ---
    01
  - 0           (0x3)
    ---
    17
  - 15          (5x3)
    ---
    20
  - 18          (6x3)
    ---
    26
  - 24          (8x3)
    ---
     2
```

Remainder --> 2

(3)

```
      50169 R5
   ------------
6 | 301019
  - 30          (5x6)
    ---
    01
  - 0           (0x6)
    ---
    10
  - 6           (1x6)
    ---
    41
  - 36          (6x6)
    ---
    59
  - 54          (9x6)
    ---
     5
```

Remainder --> 5

(4)

```
      69562 R2
   ------------
5 | 347812
  - 30          (6x5)
    ---
    47
  - 45          (9x5)
    ---
    28
  - 25          (5x5)
    ---
    31
  - 30          (6x5)
    ---
    12
  - 10          (2x5)
    ---
     2
```

Remainder --> 2

(5)

```
      46691 R1
   ------------
7 | 326838
  - 28          (4x7)
    ---
    46
  - 42          (6x7)
    ---
    48
  - 42          (6x7)
    ---
    63
  - 63          (9x7)
    ---
    08
  - 7           (1x7)
    ---
     1
```

Remainder --> 1

(6)

```
      106762 R1
   ------------
5 | 533811
  - 5           (1x5)
    ---
    03
  - 0           (0x5)
    ---
    33
  - 30          (6x5)
    ---
    38
  - 35          (7x5)
    ---
    31
  - 30          (6x5)
    ---
    11
  - 10          (2x5)
    ---
     1
```

Remainder --> 1