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

(1) $6\overline{)774322}$	(2) $4\overline{)934387}$	(3) $6\overline{)832204}$
(4) $5\overline{)955231}$	(5) $4\overline{)493565}$	(6) $4\overline{)303445}$

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)

```
      129053 R4
6 | 774322
  - 6          (1 x 6)
    17
  - 12         (2 x 6)
     54
   - 54        (9 x 6)
      03
    - 0        (0 x 6)
       32
     - 30      (5 x 6)
        22
      - 18     (3 x 6)
Remainder -->    4
```

(2)

```
      233596 R3
4 | 934387
  - 8          (2 x 4)
    13
  - 12         (3 x 4)
     14
   - 12        (3 x 4)
      23
    - 20       (5 x 4)
       38
     - 36      (9 x 4)
        27
      - 24     (6 x 4)
Remainder -->    3
```

(3)

```
      138700 R4
6 | 832204
  - 6          (1 x 6)
    23
  - 18         (3 x 6)
     52
   - 48        (8 x 6)
      42
    - 42       (7 x 6)
       00
     - 0       (0 x 6)
        04
      - 0      (0 x 6)
Remainder -->    4
```

(4)

```
      191046 R1
5 | 955231
  - 5          (1 x 5)
    45
  - 45         (9 x 5)
     05
   - 5         (1 x 5)
      02
    - 0        (0 x 5)
       23
     - 20      (4 x 5)
        31
      - 30     (6 x 5)
Remainder -->    1
```

(5)

```
      123391 R1
4 | 493565
  - 4          (1 x 4)
    09
  - 8          (2 x 4)
     13
   - 12        (3 x 4)
      15
    - 12       (3 x 4)
       36
     - 36      (9 x 4)
        05
      - 4      (1 x 4)
Remainder -->    1
```

(6)

```
      75861 R1
4 | 303445
  - 28         (7 x 4)
    23
  - 20         (5 x 4)
     34
   - 32        (8 x 4)
      24
    - 24       (6 x 4)
       05
     - 4       (1 x 4)
Remainder -->    1
```