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

(1) $2\overline{)745563}$	(2) $2\overline{)489425}$	(3) $8\overline{)330250}$
(4) $4\overline{)757774}$	(5) $4\overline{)190254}$	(6) $6\overline{)748120}$

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)

```
      372781 R1
2 | 745563
  - 6          (3 x 2)
    14
  - 14         (7 x 2)
     05
   - 4         (2 x 2)
      15
    - 14       (7 x 2)
       16
     - 16      (8 x 2)
        03
      - 2      (1 x 2)
          1
```

Remainder --> 1

(2)

```
      244712 R1
2 | 489425
  - 4          (2 x 2)
    08
  - 8          (4 x 2)
     09
   - 8         (4 x 2)
      14
    - 14       (7 x 2)
       02
     - 2       (1 x 2)
        05
      - 4      (2 x 2)
          1
```

Remainder --> 1

(3)

```
      41281 R2
8 | 330250
  - 32         (4 x 8)
    10
  - 8          (1 x 8)
     22
   - 16        (2 x 8)
      65
    - 64       (8 x 8)
       10
     - 8       (1 x 8)
        2
```

Remainder --> 2

(4)

```
      189443 R2
4 | 757774
  - 4          (1 x 4)
    35
  - 32         (8 x 4)
     37
   - 36        (9 x 4)
      17
    - 16       (4 x 4)
       17
     - 16      (4 x 4)
        14
      - 12     (3 x 4)
          2
```

Remainder --> 2

(5)

```
      47563 R2
4 | 190254
  - 16         (4 x 4)
    30
  - 28         (7 x 4)
     22
   - 20        (5 x 4)
      25
    - 24       (6 x 4)
       14
     - 12      (3 x 4)
          2
```

Remainder --> 2

(6)

```
      124686 R4
6 | 748120
  - 6          (1 x 6)
    14
  - 12         (2 x 6)
     28
   - 24        (4 x 6)
      41
    - 36       (6 x 6)
       52
     - 48      (8 x 6)
        40
      - 36     (6 x 6)
          4
```

Remainder --> 4