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

(1)

$55\overline{)6275}$

(2)

$62\overline{)5576}$

(3)

$94\overline{)5651}$

(4)

$51\overline{)4971}$

(5)

$98\overline{)2543}$

(6)

$90\overline{)4494}$

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)

```
      114 R5
    ______
 55 | 6275
    - 55        ( 1 x 55 )
      --
      77
    - 55        ( 1 x 55 )
      --
      225
    - 220       ( 4 x 55 )
      ---
Remainder -->  5
```

(2)

```
       89 R58
    ______
 62 | 5576
    - 496       ( 8 x 62 )
      ---
      616
    - 558       ( 9 x 62 )
      ---
Remainder -->  58
```

(3)

```
       60 R11
    ______
 94 | 5651
    - 564       ( 6 x 94 )
      ---
       11
     -  0       ( 0 x 94 )
      ---
Remainder -->  11
```

(4)

```
       97 R24
    ______
 51 | 4971
    - 459       ( 9 x 51 )
      ---
      381
    - 357       ( 7 x 51 )
      ---
Remainder -->  24
```

(5)

```
       25 R93
    ______
 98 | 2543
    - 196       ( 2 x 98 )
      ---
      583
    - 490       ( 5 x 98 )
      ---
Remainder -->  93
```

(6)

```
       49 R84
    ______
 90 | 4494
    - 360       ( 4 x 90 )
      ---
      894
    - 810       ( 9 x 90 )
      ---
Remainder -->  84
```