# Solved Long Division Problems with Step-By-Step Walkthrough

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

*Solutions are on page 2*

(1)

378 | 3179

(2)

947 | 9275

(3)

719 | 1551

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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)
```
              8  R155
        ┌──────────
   378  │ 3179
      −   3024          ( 8 x 378 )
        ──────────
Remainder -->   155
```

Divide, Multiply, Subtract, Bring down, Repeat

Divide 378 into 3179 ( = 8 )
Multiply 8 times 378 ( = 3024 )
Subtract 3024 from 3179 ( = 155 )
Done. No more numbers to bring down.

(2)
```
              9  R752
        ┌──────────
   947  │ 9275
      −   8523          ( 9 x 947 )
        ──────────
Remainder -->   752
```

Divide, Multiply, Subtract, Bring down, Repeat

Divide 947 into 9275 ( = 9 )
Multiply 9 times 947 ( = 8523 )
Subtract 8523 from 9275 ( = 752 )
Done. No more numbers to bring down.

(3)
```
              2  R113
        ┌──────────
   719  │ 1551
      −   1438          ( 2 x 719 )
        ──────────
Remainder -->   113
```

Divide, Multiply, Subtract, Bring down, Repeat

Divide 719 into 1551 ( = 2 )
Multiply 2 times 719 ( = 1438 )
Subtract 1438 from 1551 ( = 113 )
Done. No more numbers to bring down.