Let's Learn!

Division by a 1-digit number

1 6381 seeds are planted in plant pots. Each plant pot contains 3 seeds. How many plant pots are there?

Step 1

Divide 6 thousands by 3.

6 thousands ÷ 3 = 2 thousands
= 2000

```
   Th H  T O
      2
3 ) 6  3  8  1
    6  ←——— 2 × 3
```

Step 2

Divide 3 hundreds by 3.

3 hundreds ÷ 3 = 1 hundred
= 100

```
      2  1
3 ) 6  3  8  1
    6
       3
       3  ←——— 1 × 3
```

Step 3

Divide 8 tens by 3.

8 tens ÷ 3 = 2 tens with remainder 2 tens
= 20 with remainder 20

```
      2  1  2
3 ) 6  3  8  1
    6
       3
       3
          8
          6  ←——2 × 3
          2
```

Step 4

Divide 21 ones by 3.

21 ones ÷ 3 = 7 ones
= 7

When 6381 is divided by 3, the quotient is 2127 and the remainder is 0.
There are 2127 plant pots.

```
      2  1  2  7
3 ) 6  3  8  1
    6
       3
       3
          8
          6
          2  1
          2  1 ←——7 × 3
             0
```