Name: _____   Date: _____
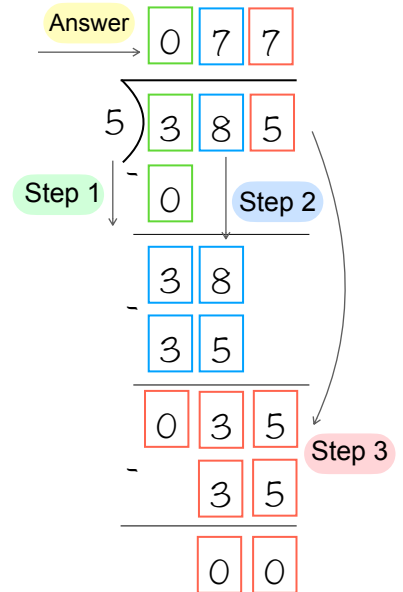
♣ <u>Long Division</u> ♣

<u>Tips:</u>
- Before learning division, learning the multiplication table helps to great extend.
- In division, we always start from left unlike other math operation.

<u>Solution:</u>
- ✿ **Step 1:** We checked the first number from "dividend" number. It is less than 5, so we can't divide it with 5. So we write "0" in Answer Area. Subtract "0" and bring 3 down.
- ✿ **Step 2:** Now we move to the next number, that's 8 and bring it down with previous number 3. Now the number is 38. By referring to 5 times table, we will try to find number that's closest to 38 but less than 38. 7 times 5 is 35 so we write 7 in answer area and subtract 35 from 38.
- ✿ **Step 3:** The remainder is 3. Again we can't divide 3 by 5 as it is lower number. So we bring down next number that is 5. And we repeat "step 2". We write 7 in Answer Area and subtract 35 from 35. The remainder is 0. There are no more numbers left in dividend number. Hence our division is complete. The answer of 385 ÷5 is 77.

Answer → 0 7 7

5) 3 8 5

Step 1 — 0

Step 2

3 8
3 5

0 3 5

Step 3

3 5

0 0

$$4 \overline{)476}$$

$$8 \overline{)816}$$

$$3 \overline{)921}$$

$$2 \overline{)570}$$

$$6 \overline{)864}$$

$$8 \overline{)512}$$

$$9 \overline{)792}$$

$$3 \overline{)657}$$

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Problem 1:
```
       1  1  9
   ┌─────────────
 4 )  4  7  6
   -  4
   ─────────
      0  7
   -     4
      ─────────
         3  6
   -     3  6
      ─────────
      0  0  0
```

Problem 2:
```
       1  0  2
   ┌─────────────
 8 )  8  1  6
   -  8
   ─────────
      0  1
   -     0
      ─────────
         1  6
   -     1  6
      ─────────
      0  0  0
```

Problem 3:
```
       3  0  7
   ┌─────────────
 3 )  9  2  1
   -  9
   ─────────
      0  2
   -     0
      ─────────
         2  1
   -     2  1
      ─────────
      0  0  0
```

Problem 4:
```
       2  8  5
   ┌─────────────
 2 )  5  7  0
   -  4
   ─────────
      1  7
   -  1  6
      ─────────
      0  1  0
   -     1  0
      ─────────
      0  0  0
```

Problem 5:
```
       1  1  4
   ┌─────────────
 6 )  6  8  4
   -  6
   ─────────
      0  8
   -     6
      ─────────
      0  2  4
   -     2  4
      ─────────
      0  0  0
```

Problem 6:
```
       0  6  4
   ┌─────────────
 8 )  5  1  2
   -  0
   ─────────
      5  1
   -  4  8
      ─────────
      0  3  2
   -     3  2
      ─────────
      0  0  0
```

Problem 7:
```
       0  8  8
   ┌─────────────
 9 )  7  9  2
   -  0
   ─────────
      7  9
   -  7  2
      ─────────
      0  7  2
   -     7  2
      ─────────
      0  0  0
```

Problem 8:
```
       2  1  9
   ┌─────────────
 3 )  6  5  7
   -  6
   ─────────
      0  5
   -     3
      ─────────
      0  2  7
   -     2  7
      ─────────
      0  0  0
```