Welland Gouldsmith School
Class-3
Subject-Mathematics
Chapter-3
Topic-Subtraction

(SYNOPSIS)

- The process of taking away one number from another number is known as subtraction.
- The symbol of subtraction is ' – '. It is called minus.
- Subtraction can be explained and verified in terms of addition.
- Each addition fact has two subtraction facts.
  Ex: 2+3 = 5 (addition fact)

    5- 2 = 3 (subtraction fact-1)
    5- 3 = 2 (subtraction fact-2)
- If a number is subtracted from itself, the difference is zero. Ex.: 5- 5 = 0.
- If 0 is subtracted from any number, the difference is the same number. Ex: 5- 0 = 5.
- Here is an example:

    9 → this is called minuend.

  -   6 → this is called subtrahend.
  _____

    3 → the answer is called difference.
  _____

- Subtraction on vertical column.(without borrowing)

    H. T. O.   **Step 1**- subtracts the ones.
    4 3 2   **Step 2**- subtract the tens.
  - 2 1 1   **Step 3**- subtract the hundreds.
  _____

Answer: 2 2 1
_____

- This is how we subtract 3 digit numbers.(without borrowing)

- Now let us subtract 4 digit numbers. (with borrowing)
- In 4 digit numbers we have the Ones house, the tens house and the hundreds house.

- Let us subtract 7542 – 6823.

    Th. H. T. O   **Step 1**- In the once place we cannot subtract 3 from 2. So, we borrow 1 from 4. In the tens place it becomes 3.

      6   1   3   1
    ~~7~~ 5 ~~4~~ 2   **Step 2**- From 12 we subtract 3 and get 9.
  - 6   8   2   3   **Step 3**- In the tens place we subtract 3 – 2 and get 1.
  _____   **Step 4**- In the hundreds place we cannot subtract 8 from 5. So, We
  Answer: 0 7 1 9   borrow from 7 In the thousands place it becomes 6.
  _____

    Step 5- From 15 we subtract 8 and we get 7.
    Step 6- In the thousands place we subtract 6 – 6 and get 0.

- This is how we subtract 4 digit numbers. (with borrowing)

Work Sheet

1. Find the missing number:

1. ____ - 2 = 5

2. ____ - 15 = 5

3. 16 - ____ = 16

4. 65 - ____ = 0

5. 91 - ____ = 91

2. Let us subtract 3digit numbers:

1. H.	T.	O		2. H.	T.	O		3. H.	T.	O
5	4	2		8	4	8		7	6	8
− 3	3	1		− 7	3	7		− 4	5	4

3.Let us subtract 4digit numbers. (with borrowing)

1. Th.	H.	T.	O		2. Th.	H.	T.	O		3. Th.	H.	T.	O
2	6	0	9		3	9	7	3		6	4	5	4
− 1	5	9	8		− 2	7	9	2		− 1	8	2	7

4. Text book exercises.

1. **Page 48   Ex – 3.1**

    A (in the text book)

    B (Sum numbers 1 to 12 in the exercise book)

2. **Page 49   Ex – 3.2**

    A (in the text book)

    B (Sum numbers 1 to 12 in the exercise book)