

Chapter- 5

Subtraction

STUDY NOTES**LEARN ABOUT:**

- ❖ **PROPERTIES OF SUBTRACTION**
- ❖ **SUBTRACTION OF LARGE NUMBERS**
- ❖ **WORD PROBLEMS ON SUBTRACTION**

• PROPERTIES OF SUBTRACTION-

1. When we subtract '0' from a number, the difference is the number itself.

Examples-

$$9,04,238 - 0 = 9,04,238$$

$$57,16,349 - 0 = 57,16,349$$

2. When we subtract a number from itself, the difference obtained is '0'.

Examples-

$$7,37,150 - 7,37,150 = 0$$

$$21,09,909 - 21,09,909 = 0$$

3. We cannot change the order of numbers in subtraction. If we change the order, the answer we get will be different.

• SUBTRACTION OF LARGE NUMBERS-

MINUEND – The number from which we subtract the other number is called the minuend.

SUBTRAHEND – The number which is subtracted is called the subtrahend.

DIFFERENCE – The result obtained on subtraction is called the difference.

(Note: We always subtract a smaller number from a greater number.)

STEPS FOR SUBTRACTION-**Step-1**

Arrange the numbers in columns. Ones under ones, tens under tens and so on.

Step-2

Go on subtracting column wise beginning with the ones (borrow if necessary)

Example-

Subtract 2,28,583 from 4,17,818

$$\begin{array}{r}
 \text{3} \quad \text{10} \quad \text{17} \quad \text{7} \quad \text{11} \\
 \textcircled{4} \quad \textcircled{1} \quad \textcircled{7} \quad \textcircled{8} \quad \textcircled{1} \quad 8 \\
 - \quad 2 \quad 2 \quad 8 \quad 5 \quad 8 \quad 3 \\
 \hline
 1 \quad 8 \quad 9 \quad 2 \quad 3 \quad 5
 \end{array}$$

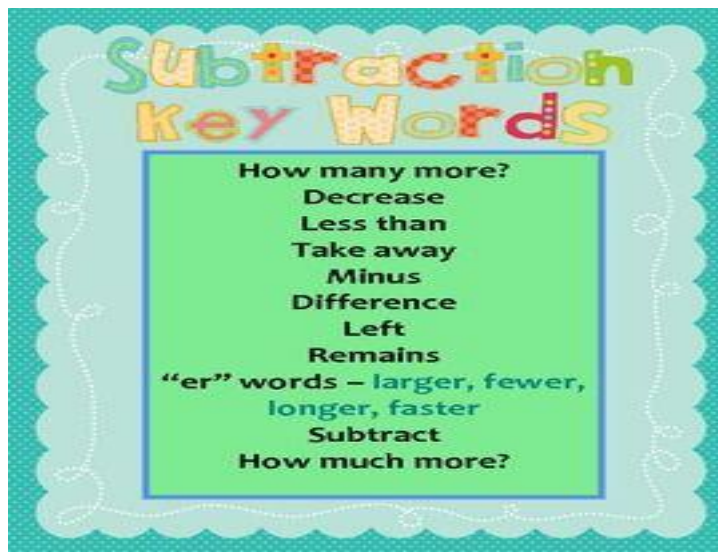
(Note: Write the greater number on top and the smaller number below it.)

- WORD PROBLEMS ON SUBTRACTION-**

5 steps should be followed while solving the story sums.

1. Read the question and find out the known facts.
2. Find out the unknown facts (what do you need to know).
3. Find out which operation you will follow to solve the problem.
4. Solve the problem and write the answer in sentence.
5. Check the answer.

Changing your Tomorrow

KEYS WORDS FOR SUBTRACTION –

Example-

There are 14603 hens in a poultry farm. Due to some disease 12625 hens died.

How many hens are left?

Solution-

Total hens = 14,603

Hens died = 12,625

Remaining hens = $14,603 - 12,625 = 1,978$

Thus, 1,978 hens were left.

