

SESSION : 2

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 5

CHAPTER NAME : OPERATIONS ON LARGER NUMBERS

SUBTOPIC : Subtraction of large numbers

Exercise - 5 A Q. No 5 to 9

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

Students will be able to subtract larger numbers with proper steps.

Subtraction of large numbers

We already know,

The terms like take away, find the difference imply subtraction.

Sentences where we find the difference-:

How many left?

How many more?

How many less than?

Terms used for subtraction

- ❖ The number which is subtracted is called the subtrahend.
- ❖ The number from which the subtrahend is subtracted is called as minuend.
- ❖ The result we get after the subtraction is called the difference.

Properties of Subtraction

1. When 0 is subtracted from a number, the difference is the number itself.

For example:

$$75384 - 0 = 75384$$

2. When we subtract 1 from a number, we get the predecessor of the number.

For example :

$$864293 - 1 = 864292$$

3. Subtraction of a number from the number itself will give 0 as the answer.

For example : $460278 - 460278 = 0$

Steps for subtraction

1. Arrange the given numbers in the appropriate columns.
2. Always keep the bigger number on the top.
2. Starting with ones, keep subtracting column wise while borrowing from the next column to the left wherever required (regrouping).
3. To check for answer -
Difference + smaller number = Bigger number

Example :

Subtract 13,84,257 from 48,40,366.

	TL	L	TTh	Th	H	T	O	
		7	3	10		5	16	
-	4	8	4	0	3	6	6	→ Minuend
	1	3	8	4	2	5	7	→ Subtrahend
	3	4	5	6	1	0	9	→ Difference

So, the difference is 34,56,109

Exercise- 5 (A)

Q. No-5 : Subtract 27,16,426 from 40,00,000

	TL	L	TTh	Th	H	T	O	
	3	9	9	9	9	9	10	
-	4	0	0	0	0	0	0	→ Minuend
	2	7	1	6	4	2	6	→ Subtrahend
	1	2	8	3	5	7	4	→ Difference

So, the difference is 12,83,574

Q.No-6 Subtract 1,89,45,700 from 6,00,00,000

	C	TL	L	TTh	Th	H	T	O
	5	9	9	9	9	10		
	6	0	0	0	0	0	0	0
-	1	8	9	4	5	7	0	0
	4	1	0	5	4	3	0	0

So, the difference is 4,10,54,300

Q.No-7

Which is greater and by how much ? 48, 15, 586 or 48, 51, 568

Ans- 48, 15, 586 < 48, 51, 568

$$\begin{array}{r} 48\cancel{5}1\cancel{5}68 \\ - 4815586 \\ \hline 0035982 \end{array}$$

4 10 14 16

Ans- 35, 982

Q.no-8 : How much should be added to 38, 615 to get 2, 01, 405?

(Remember- how much to be added/ subtracted means Subtraction)

$$\begin{array}{r} 201405 \\ - 38615 \\ \hline 162790 \end{array}$$

Q.no-9

By how much is the sum of 32, 16, 575 and 16, 24, 683 less than one crore

Ans- Sum of 32, 16, 575 and 16, 24, 683 is

$$\begin{array}{r} 32 \quad 16 \quad 575 \\ +16 \quad 24 \quad 683 \\ \hline 48 \quad 41 \quad 258 \end{array}$$

1 Crore = 10000000

$$\begin{array}{r} 1 \quad 00 \quad 00 \quad 000 \\ - \quad 48 \quad 41 \quad 258 \\ \hline 51 \quad 58 \quad 742 \end{array}$$

Ans- 51, 58, 742

LEARNING OUTCOME

:- Students will be able to subtract larger numbers with proper steps.

HOME WORK

Complete exercise - 5 A

Q. No. 4 to 10 in the notebook

THANKING YOU
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