

SESSION : 2
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 5
CHAPTER NAME : SUBTRACTION
**SUBTOPIC : PROPERTIES OF SUBTRACTION
AND SUBTRACTION OF LARGE
NUMBERS, EX-5 B Q.NO. 1 & 2**

CHANGING YOUR TOMORROW

PROPERTIES OF SUBTRACTION

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

Examples:

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

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



PROPERTIES OF SUBTRACTION

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

Examples:

$$7,37,150 - \mathbf{7,37,150} = \mathbf{0}$$

$$21,09,909 - \mathbf{21,09,909} = \mathbf{0}$$



PROPERTIES OF SUBTRACTION

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

We always subtract a **smaller** number from a **greater** number.

Minuend: The number from which we subtract the other number is called **minuend**.

Subtrahend: The number which is subtracted is called the **subtrahend**.

Difference: The result obtained on subtraction is called the **difference**.



SUBTRACTION OF LARGE NUMBERS

EXAMPLE – 1: Subtract 2,28,583 from 4,17,818.

Solution: Write the greater number on top and the smaller number, below it.

	3	11	17	7	11		
	4	1	7	8	1	8	← Minuend
-	2,	2	8,	5	8	3	← Subtrahend
<hr/>							
	1,	8	9,	2	3	5	← Difference
<hr/>							

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).



EXERCISE – 5 (B)

1. Subtract the following:

$10 + 2$

$10 + 5$

$10 + 2$

12

15

12

(a)

2	2	0			
\	/	\	/	\	/
3,	3,	3	5,	1	
2	8	8,	0		
-	1,	6	8,	0	
	7	5			
1,	6	7,	0	5	3



EXERCISE – 5 (B)

$$10 + 7 \quad 10 + 1 \quad 10 + 1$$

1. Subtract the following:

$$17 \quad 11 \quad 11$$

(b)

	3	7	1		
	4,	4	8,		2
	1	5			
-	2,	3	9,		3
	6	4			
	2,	0	8,	8	5
				1	



EXERCISE – 5 (B)

$$10 + 4 \quad 10 + 4 \quad 10 + 6 \quad 10 + 5$$

1. Subtract the following:

$$10 \quad 14 \quad 14 \quad 16 \quad 15$$

(c)

4	0	4	4	6	5
\	↗	\	↗	\	↗
	5,		1	5,	
	7		5		
-	3,		2	8,	6
	8		6		
1,	8	6,	8	8	9



EXERCISE – 5 (B)

$10 + 6 \quad 10 + 8$

1. Subtract the following:

$9 \quad 16 \quad 18$

(d)

	4	10	7	10	6	
	5,		0		8,	0
-	7		8			
	3,		1		7,	6
	8		9			
<hr/>						
	1,	9	0,	3	8	9
<hr/>						



EXERCISE – 5 (B)

2. Solve in your notebook and answer the following questions:

10 + 5

10 + 1

(a) Subtract 88,125 from 21,15,518.

10

15

11

$$\begin{array}{r} \begin{array}{r} 0 \\ 2 \end{array} \begin{array}{r} 0 \\ 1, \end{array} \begin{array}{r} 4 \\ 1 \end{array} \begin{array}{r} 5, \\ 8, \\ 8, \end{array} \\ \begin{array}{r} 5 \\ 1 \\ 8 \\ 8 \end{array} \\ - \\ \hline \begin{array}{r} 1 \\ 2 \\ 5 \end{array} \\ \hline \begin{array}{r} 2 \\ 0, \\ 2 \\ 7, \\ 3 \\ 9 \\ 3 \end{array} \end{array}$$



EXERCISE – 5 (B)

2. Solve in your notebook and answer the following questions:

$$10 + 7 \quad 10 + 8$$

(b) Subtract 27,894 from 5,08,884.

$$17 \quad 18$$

4	10	7	7		
\	↗	\	↗	\	\
	5,	0	8,	8	8
	8	4			
-		2	7,	8	
	9	4			
4,	8	0,	9	9	0



EXERCISE – 5 (B)

2. Solve in your notebook and answer the following questions:

(c) Which is greater and by how much?

7,08,153 or 7,28,263.

The greater number is

7,28,263

How much greater = **20,110**

↑
Answer

$$\begin{array}{r} 7,28,263 \\ - 7,08,153 \\ \hline 02,01,100 \end{array}$$



EXERCISE – 5 (B)

2. Solve in your notebook and answer the following questions:

(d) Which is greater and by how much?

1,28,215 or 2,00,000.

The greater number is
2,00,000

How much greater = **71,785**
↑
Answer

$$\begin{array}{r} 9 \quad 9 \quad 9 \quad 9 \\ 1 \quad 10 \quad 10 \quad 10 \quad 10 \quad 10 \\ \diagdown \quad \nearrow \quad \diagdown \quad \nearrow \quad \diagdown \quad \nearrow \quad \diagdown \quad \nearrow \\ 2, \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \\ 0 \quad 0 \\ - \quad 1, \quad 2 \quad 8, \quad 2 \\ \hline 1 \quad 5 \\ 0 \quad 7 \quad 1, \quad 7 \quad 8 \quad 5 \\ \hline \end{array}$$



HOME ASSIGNMENT:

- Complete Exercise – 5(B) Q.NO. 1 & 2 in your note book.**

LEARNING OUTCOME:

Students are able to understand the properties of subtraction and subtraction of large numbers.

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 3
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 5
CHAPTER NAME : SUBTRACTION
SUBTOPIC : EXERCISE – 5 B Q.NO. 3 & 4

CHANGING YOUR TOMORROW

EXERCISE – 5 (B)

3. Two steps problems: (solve in your notebook).

(a) How much should be added to the sum of 66,415 and 3,25,218 to get 10,00,000?

ANSWER: The sum of 66,415 and 3,25,218 = **3,91,633**

$$\begin{array}{r} \overset{\textcircled{1}}{2} 5, \overset{\textcircled{1}}{1} 8 \\ + 6 6, 4 1 5 \\ \hline 3, 9 1, 6 3 3 \end{array}$$



EXERCISE – 5 (B)

Total amount is needed to get 10,00,000 =

$$= 10,00,000 - 3,91,633 = \mathbf{6,08,367}$$

		9		9		9		9		9			
	0		10		10		10		10		10		
	\	↗	1	\	↗	0,	\	↗	0	\	↗	0,	
			0			0			0			0,	
-					3,			9				1,	
			6		3		3						
			6,		0		8,		3		6		7



EXERCISE – 5 (B)

3. Two steps problems: (solve in your notebook).

(b) By how much is the sum of 12,25,216 and 4,54,786 greater than the sum of 10,16,748 and 49,575?

ANSWER: The sum of 12,25,216 and 4,54,786 = **16,80,002**

$$\begin{array}{r} \\ \\ \\ \\ + \\ \hline 1 7 6, 8 8 0, 0 0 2 \\ \hline \end{array}$$



EXERCISE – 5 (B)

The sum of 10,16,748 and 49,575 = **10,66,323**

$$\begin{array}{r} \text{①} \quad \text{①} \quad \text{①} \quad \text{①} \\ 10,16,748 \\ + 49,575 \\ \hline 15,06,763 \\ \hline \end{array}$$



EXERCISE – 5 (B)

The sum which is greater than the other =

$$= 16,80,002 - 10,66,323 = \mathbf{6,13,679}$$

			7	9	9	9	
				10	10	10	12
	1		6,		8		0,
	0		0		2		
-	1		0,		6		6,
	3		2		3		
	0	6,	1	3,	6	7	9



EXERCISE – 5 (B)

3. Two steps problems: (solve in your notebook).

(c) By how much is the sum of 24,718 and 3,75,718 less than the sum of 22,215 and 5,95,244?

ANSWER: The sum of 24,718 and 3,75,718 = **4,00,436**

$$\begin{array}{r} \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \quad \quad \textcircled{1} \\ 7 \quad 1 \quad 8 \quad 4 \\ + 3 \quad 7 \quad 2 \quad 5 \\ \hline 7 \quad 4 \quad 0 \quad 1 \quad 0 \quad 4 \quad 3 \quad 6 \end{array}$$



EXERCISE – 5 (B)

The sum of 22,215 and 5,95,244 = **6,17,459**

$$\begin{array}{r} \textcircled{1} \\ + \quad \quad \quad \quad \quad \quad 5, \quad \quad \quad 9 \quad \quad \quad 5, \\ \quad \quad \quad 2 \quad \quad \quad 4 \quad \quad \quad 4 \quad \quad \quad 2, \\ \hline \quad \quad \quad 2 \quad \quad \quad 1 \quad \quad \quad 5 \\ \quad \quad \quad \mathbf{6,} \quad \mathbf{1} \quad \mathbf{7,} \quad \mathbf{4} \quad \mathbf{5} \quad \mathbf{9} \\ \hline \end{array}$$



EXERCISE – 5 (B)

The sum which is less than the other =

$$= 6,17,459 - 4,00,436 = 2,17,023$$

$$\begin{array}{r} , , \\ - , , , \\ \hline , , , \\ \hline , , , \end{array}$$



EXERCISE – 5 (B)

3. Two steps problems: (solve in your notebook).

(d) Which is greater : the sum of 1,81,086 and 46,46,480 or the sum of 1,75,718 and 44,81,004 and by how much?

ANSWER: The sum of 1,81,086 and 46,46,480 = **48,27,566**

$$\begin{array}{r} \text{+} \\ 1,81,086 \\ + 46,46,480 \\ \hline 48,27,566 \end{array}$$



EXERCISE – 5 (B)

The sum of 1,75,718 and 44,81,004 = **46,56,722**

$$\begin{array}{r} \textcircled{1} \\ 44,81,004 \\ + 1,75,718 \\ \hline 46,56,722 \end{array}$$

The sum which is greater = 1,81,086 + 46,46,480 = **48,27,566**



EXERCISE – 5 (B)

How much greater the sum is =

$$= 48,27,566 \overset{10+2}{-} 46,56,722 = \overset{10+5}{1,70,844}$$

			12		15		
		7			6		
	4	\	8,	\	2		7,
	5		6		6		
-	4		6,		5		6,
	7		2		2		
	0	1,	7	0,	8	4	4



EXERCISE – 5 (B)

4. Simplify the following:

(a) $2,28,275 - 1,14,178 - 75,818 + 84,179$

ANSWER:

$$\begin{aligned} & 2,28,275 - 1,14,178 - 75,818 + 84,179 \\ &= 2,28,275 + 84,179 - 1,14,178 - 75,818 \\ &= 3,12,454 - 1,14,178 - 75,818 \\ &= 1,98,276 - 75,818 \\ &= \mathbf{1,22,458} \end{aligned}$$



EXERCISE – 5 (B)

4. Simplify the following:

$$(b) 82,095 - 1,42,045 + 3,29,928 - 66,618 - 845$$

ANSWER:

$$82,095 - 1,42,045 + 3,29,928 - 66,618 - 845$$

$$= 82,095 + 3,29,928 - 1,42,045 - 66,618 - 845$$

$$= 4,12,023 - 1,42,045 - 66,618 - 845$$

$$= 2,69,978 - 66,618 - 845$$

$$= 2,03,360 - 845$$

$$= 2,02,515$$



EXERCISE – 5 (B)

4. Simplify the following:

$$(c) 8,806 + 2,36,648 - 4,40,725 - 2,756 + 3,00,216$$

ANSWER:

$$8,806 + 2,36,648 - 4,40,725 - 2,756 + 3,00,216$$

$$= 8,806 + 2,36,648 + 3,00,216 - 4,40,725 - 2,756$$

$$= 5,45,670 - 4,40,725 - 2,756$$

$$= 1,04,945 - 2,756$$

$$= \mathbf{1,02,189}$$



EXERCISE – 5 (B)

4. Simplify the following:

(d) $6,24,000 - 2,25,284 - 1,42,047 - 44,635$

ANSWER:

$$6,24,000 - 2,25,284 - 1,42,047 - 44,635$$

$$= 6,24,000 - 2,25,284 - 1,42,047 - 44,635$$

$$= 3,98,716 - 1,42,047 - 44,635$$

$$= 2,56,669 - 44,635$$

$$= \mathbf{2,12,034}$$



LEARNING OUTCOME:

Students are able to understand the subtraction of large numbers and simplification.

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 4
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 5
CHAPTER NAME : SUBTRACTION
**SUBTOPIC : WORD PROBLEMS ON
SUBTRACTION, EX-5 C Q.NO. 1 TO 4**

CHANGING YOUR TOMORROW

WORD PROBLEMS

EXAMPLE:

There are 14,603 hens in a poultry farm. Due to some disease 12,625 hens died. How many hens are left?

Solution:

Total hens = 14,603

Hens died = - 12,625

Remaining hens = **01,978**

Thus, **1,978** hens were left.



EXERCISE – 5 (C)

1) 3,43,008 cakes were purchased for distribution on Children's day. If 3,23,886 cakes were distributed, how many cakes were left?

Solution:

Number of Cakes were purchased for distribution on Children's day = **3,43,008**

Number of Cakes were distributed = **3,23,886**

Number of Cakes were left = **3,43,008 – 3,23,886**

$$= \mathbf{19,122}$$

$$\begin{array}{r} 43,008 \\ - 23,886 \\ \hline 20,122 \end{array}$$

Diagram illustrating the subtraction process with borrowing:

- 10 + 2
- 12 9
- 3 2 10 10
- ~~3,~~ ~~3,~~ ~~4,~~ ~~3,~~
- ~~0,~~ ~~8,~~ ~~2,~~ ~~3,~~
- 8 8 6
- 0 1 9, 1 2 2

Thus, **19,122** cakes were left.



EXERCISE – 5 (C)

2. Meghna chose a dress costing Rs.12,650. She was short of the required money by Rs.1,285. how much money she had with her?

Solution:

The cost of the dress = **Rs.12,650**

Meghna was short of the required money = **Rs.1,285**

Amount of money she had with her = **Rs.12,650 – Rs. 1,285**

= **Rs. 11,365**

10 + 4

14

$$\begin{array}{r} \\ - \\ \hline \\ \hline \end{array}$$

Diagram illustrating the subtraction process with borrowing:

- 10 is borrowed from the tens place (5) and added to the ones place (2), resulting in 12.
- 4 is borrowed from the tens place (0) and added to the ones place (12), resulting in 16.
- 10 is borrowed from the hundreds place (1) and added to the tens place (0), resulting in 10.

Hence, she had **Rs. 11,365** with her.



EXERCISE – 5 (C)

3. Ashish deposited Rs.8,62,001 in the bank and then withdrew Rs.3,55,008.
How much of his money was left in the bank?

Solution:

Amount of money deposited in the bank by Ashish = **Rs. 8,62,001**

Amount of money he withdrew from the bank = **Rs. 3,55,008**

Amount of money left in the bank = **Rs.8,62,001 – Rs.3,55,008**
= Rs.5,06,993

$$\begin{array}{r} 10 + 1 \\ 8,62,001 \\ - 3,55,008 \\ \hline 5,06,993 \end{array}$$

Diagram illustrating the subtraction process with borrowing:

- 10 is borrowed from the 6 in the thousands place to make the 2 in the hundreds place 12. The 6 becomes 5.
- 10 is borrowed from the 5 in the thousands place to make the 5 in the hundreds place 15. The 5 becomes 4.
- 10 is borrowed from the 8 in the thousands place to make the 0 in the hundreds place 10. The 8 becomes 7.
- 10 is borrowed from the 7 in the thousands place to make the 0 in the hundreds place 10. The 7 becomes 6.
- 10 is borrowed from the 6 in the thousands place to make the 0 in the hundreds place 10. The 6 becomes 5.

The final result is 5,06,993.

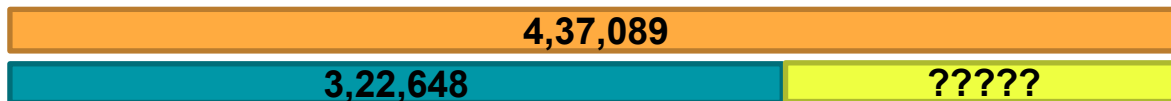
Thus, **Rs.5,06,993** was left in the bank.



EXERCISE – 5 (C)

4. How much should be added to 3,22,648 to get 4,37,089?

Solution:



To get the required answer, we have to subtract 3,22,648 from 4,37,089

$$= 4,37,089 - 3,22,648$$

$$= 1,14,441$$

$$\begin{array}{r} \\ - \\ \hline \\ \hline \end{array}$$

Diagram illustrating the subtraction process with borrowing. The number 4,37,089 is written in red. The number 3,22,648 is written in red below it. A horizontal line is drawn under the numbers. The result 1,14,441 is written in green below the line. A blue '6' is written above the '3' in the thousands place, with an arrow pointing to the '3' in the hundreds place. A blue '10' is written above the '2' in the hundreds place, with an arrow pointing to the '2' in the tens place.

Thus, **1,14,441** should be added to 3,22,648 to get 4,37,089.



HOME ASSIGNMENT:

- Do Exercise – 5(C) Q. NO. 5 & 6 in your note book.

LEARNING OUTCOME:

- ❖ Students can solve the word problems using subtraction.

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 5
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 5
CHAPTER NAME : SUBTRACTION
**SUBTOPIC : WORD PROBLEMS ON
SUBTRACTION, EX-5 C Q.NO. 7 TO 10**

CHANGING YOUR TOMORROW

HOME WORK

5. What should be subtracted from 7,50,001 to get 3,47,589?

Solution: The number which need to be subtracted from 7,50,001 to get 3,47,589 = $7,50,001 - 3,47,589 = 4,02,412$

$$\begin{array}{r} \\ \\ \hline 4, 2, 4 1 2 \\ \hline \end{array}$$

Diagram illustrating the subtraction process with borrowing:

- 7,50,001 minus 3,47,589.
- Borrowing 10 from the ten-thousands place (5) to the thousands place (0), resulting in 4 in the ten-thousands place and 10 in the thousands place.
- Borrowing 10 from the thousands place (10) to the hundreds place (0), resulting in 9 in the thousands place and 10 in the hundreds place.
- Borrowing 10 from the hundreds place (10) to the tens place (0), resulting in 9 in the hundreds place and 10 in the tens place.
- Borrowing 11 from the tens place (10) to the ones place (1), resulting in 9 in the tens place and 11 in the ones place.

Thus, $4,02,412$ should be subtracted from 7,50,001 to get 3,47,589.



HOME WORK

6. What should be subtracted from 4,87,548 to get 2,88,067? $10 + 7$ $10 + 7$ $10 + 4$

Solution: The number which need to be subtracted from 4,87,548 to get 2,88,067 = $4,87,548 - 2,88,067 = 1,99,481$

$$\begin{array}{r} 87,548 \\ - 2,88,067 \\ \hline 1,99,481 \end{array}$$

Diagram illustrating the subtraction process with borrowing:

- From the tens place (4), borrow 10 to the ones place (8), leaving 3 in the tens place.
- From the hundreds place (7), borrow 10 to the tens place (4), leaving 7 in the hundreds place.
- From the thousands place (8), borrow 10 to the hundreds place (8), leaving 4 in the thousands place.

Thus, **1,99,481** should be subtracted from 4,87,548 to get 2,88,067 .



EXERCISE – 5 (C)

8. The cost of an oven is Rs.14,315 and the cost of a machine is Rs.29,800. what costs less? By how much?

Solution: The cost of an oven = **14,315**

The cost of a machine = **29,800**

The cost of oven is less than the cost of machine. **9**

The cost of oven is less by = **29,800** – **14,315** = **15,485**

$$\begin{array}{r} \\ \\ \\ \hline \\ \hline \end{array}$$

The subtraction is performed as follows:

- Units: $0 - 5$. Borrow 10 from the tens place. $10 - 5 = 5$.
- Tens: $0 - 8$. Borrow 10 from the hundreds place. $10 - 8 = 2$.
- Hundreds: $0 - 3$. Borrow 10 from the thousands place. $10 - 3 = 7$.
- Thousands: $9 - 4 = 5$.
- Ten-thousands: $2 - 1 = 1$.
- Hundred-thousands: $0 - 0 = 0$.
- Other places: $0 - 0 = 0$.

The final result is **15,485**.

Thus, the cost of oven is less by **15,485**.



EXERCISE – 5 (C)

9. Ramesh won **Rs.5,00,000** in a lottery. Out of this money, he bought a car for **Rs.1,75,000**, a house **Rs.2,28,000**, gave **Rs.50,000** for charity and he deposited the remaining money in the bank. How much money did he deposit in the bank?

Solution: Amount of money won by Ramesh = **Rs.5,00,000**

He bought a car = **Rs.1,75,000**

He bought a house = **Rs.2,28,000**

He gave money to a charity = **Rs.50,000**

Total money spent by him = **50,000 + 2,28,000 + 1,75,000 = 4,53,000**

$$\begin{array}{r} \textcircled{1} \quad \textcircled{1} \\ \\ \\ \\ + \\ \hline 4, 5 \\ \hline \end{array}$$



EXERCISE – 5 (C)

Solution: Total money deposited in bank =
 $5,00,000 - 4,53,000 = 47,000$

9

$$\begin{array}{r} \\ \\ \hline \\ \hline \end{array}$$

Diagram illustrating the subtraction process for $5,00,000 - 4,53,000$. The numbers are aligned by place value. The result is $47,000$. The diagram shows the borrowing process: 10 is borrowed from the thousands place to the hundreds place, and 10 is borrowed from the hundreds place to the tens place. The final result is $47,000$.

Thus, he deposited Rs. **47,000** in the bank.



EXERCISE – 5 (C)

$$10 + 5$$

Solution: The population of children = $2,75,800 - 2,36,355 = 39,445$

$$\begin{array}{r}
 75,800 \\
 - 2,36,355 \\
 \hline
 39,445
 \end{array}$$

Diagram illustrating the subtraction process with borrowing:

 - Borrow 10 from the ten-thousands place (7) to the thousands place (5), leaving 7.

 - Borrow 10 from the thousands place (5) to the hundreds place (8), leaving 5.

 - Borrow 10 from the hundreds place (8) to the tens place (0), leaving 8.

 - Borrow 10 from the tens place (0) to the ones place (5), leaving 10.

 - Borrow 10 from the ones place (5) to the tenths place (0), leaving 15.

 - Borrow 10 from the tenths place (15) to the hundredths place (0), leaving 5.

Thus, there are **39,445** children in the town.



HOME ASSIGNMENT:

- Practice CH-4 Addition & CH-5 Subtraction for the class test.

LEARNING OUTCOME:

Students are able to use the process of subtraction to solve the word problems.

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 6
CLASS : IV
SUBJECT : MATHEMATICS
CHAPTER NUMBER : 5
CHAPTER NAME : SUBTRACTION
SUBTOPIC : DOUBT CLEARING & CLASS TEST

CHANGING YOUR TOMORROW

1. Fill in the blanks.

(1×5=5)

- a) The result of the addition is called the _____.
- b) The result of the subtraction is called the _____.
- c) The numbers being added are called the _____.
- d) The number which is subtracted is called _____.
- e) $1,07,978 - 1,07,978 =$ _____.



2. Do as Directed.

(2×2=4)

a) Arrange in column and add.

$$3,38,657 + 49,528 + 71,25,700.$$

b) subtract 98,120 from
20,14,519.



3. Word Problem.

(3×2=6)

- a) Company A has **62,852** workers and company B has **82,421** workers. What is the total number of workers in the 2 companies?
- b) The sum of two numbers is **7,53,648**. If one of them is **4,38,481**, find the other number.



CLASS TEST

FULL MARK - 15

ANSWER



1. Fill in the blanks.

(1×5=5)

- a) The result of the addition is called **Sum**_____.
- b) the result of the subtraction is called **Difference**_____.
- c) The numbers being added are called **Addends**_____.
- d) The number which is subtracted is called **Subtrahend**_____.
- e) $1,07,978 - 1,07,978 =$ **0**_____.



2. Do as Directed.

(2×2=4)

a) arrange in column and add.

$$3,38,657 + 49,528 + 71,25,700.$$

SOLUTION

	①	②	①		①			
	3	8,	6		3,			
	5	7			6			4
	9,	5	2		1,			8
	+	7	1,		7			
	2	5,	5,		7			
<hr/>								
	7	0	5,	1	0	3,	8	8
	0		0		3,	8	8	5
<hr/>								



2. Do as Directed.

b) subtract 98,120 from 10^{14} 10^{11}
20,14,519.

SOLUTION

$$\begin{array}{r} 1 \quad 10 \quad 0 \quad 4 \\ \swarrow \quad \nearrow \quad \swarrow \quad \nearrow \quad \swarrow \quad \nearrow \\ \begin{array}{r} 2 \\ 5 \\ 1 \\ 9 \\ 0 \end{array} \begin{array}{r} 0 \\ 1 \\ 2 \\ 9 \\ 8 \end{array} \\ \hline \begin{array}{r} 1 \\ 9 \\ 1 \\ 6 \\ 3 \\ 9 \\ 9 \end{array} \end{array}$$



3. Word Problem.

(3×2=6)

a) Company A has **62,852** workers and company B has

82,421 workers. What is the total number of workers in the 2 companies?

SOLUTION

Total number of workers company A has = **62,852**

Total number of workers company B has = **82,421**

Total number of workers two companies has =

$$82,421 + 62,852 = 1,45,273$$

①

$$\begin{array}{r} \\ \\ \\ \hline 1, 4 2 \\ \hline \end{array}$$

Thus, **1,45,273** is the total number of workers in the 2 companies.



3. Word Problem.

(3×2=6)

- b) The sum two numbers is **7,53,648**. If one them is **4,38,481**, find the other number.

SOLUTION The sum two numbers = **7,53,648**

One of the two number = **4,38,481**

Another number = **7,53,648 - 4,38,481 = 3,15,167**

$$\begin{array}{r} 10 + 3 \qquad 10 + 4 \\ 13 \qquad 14 \\ 4 \qquad 5 \\ \begin{array}{r} 7, \qquad 5, \qquad 3, \\ 6 \qquad 4, \qquad 8, \\ - \qquad 4 \qquad 8 \qquad 1 \\ \hline 3, \qquad 1 \qquad 5, \qquad 1 \qquad 6 \qquad 7 \end{array} \end{array}$$

Thus, another number of sum of two number is **3,15,167**.



LEARNING OUTCOME:

Students are able to recall the whole chapter and also able to do self assessment.

THANKING YOU
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