

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

LEARNING OBJECTIVE

- Enable the students to use the operation of subtraction to solve the word problems.

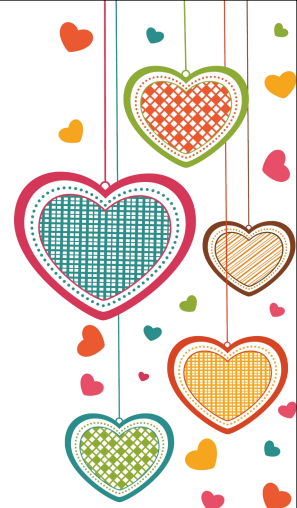
HOME WORK

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 = $7,50,001 - 3,47,589 = 4,02,412$

$$\begin{array}{r} 7, \overset{4}{\cancel{5}} \overset{10}{\nearrow} \overset{10}{\cancel{0}} \overset{10}{\nearrow} \overset{10}{\cancel{0}} \overset{11}{\nearrow} \overset{11}{\cancel{1}} \\ - 3, 4 7, 5 8 9 \\ \hline 4, 0 2, 4 1 2 \end{array}$$

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



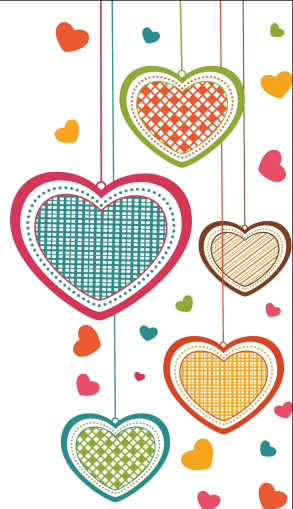
HOME WORK

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 = $4,87,548 - 2,88,067 = 1,99,481$

$$\begin{array}{r} \begin{array}{cccccc} \cancel{4}, & \cancel{8}, & \cancel{7}, & \cancel{5}, & \cancel{4} & 8 \\ \uparrow & \uparrow & & \uparrow & & \\ 3 & 7 & & 4 & & \\ \hline 4, & 8, & 8, & 0 & 6 & 7 \\ \hline 1, & 9, & 9, & 4 & 8 & 1 \end{array} \end{array}$$

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



EXERCISE – 5 (C)

7. The sum of two numbers is 8,53,648. if one of them is 5,37,481, find the other number?

Solution: The sum of two number = **8,53,648**

10 + 3

10 + 4

One of the number = **5,37,481**

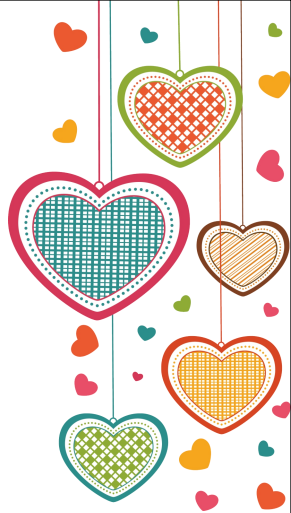
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Another number = **8,53,648** – **5,37,481** = **3,16,167**

$$\begin{array}{r} 8, \overset{4}{\cancel{5}}, \overset{\nearrow}{\cancel{3}}, \overset{5}{\cancel{6}}, \overset{\nearrow}{\cancel{4}} \quad 8 \\ - \quad 5, \quad 3 \quad 7, \quad 4 \quad 8 \quad 1 \\ \hline 3, \quad 1 \quad 6, \quad 1 \quad 6 \quad 7 \end{array}$$

Thus, **3,16,167** is the another number.



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**

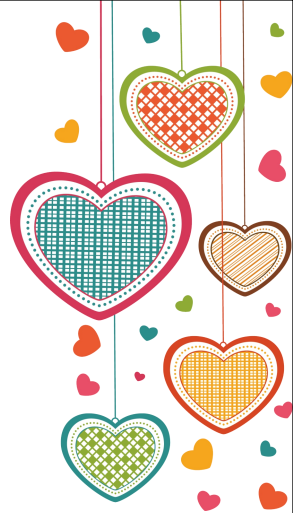
The cost of oven is less than the cost of machine. **9**

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

$$\begin{array}{r} 29,800 \\ - 14,315 \\ \hline 15,485 \end{array}$$

The diagram shows the subtraction process with borrowing. The top number is 29,800 and the bottom number is 14,315. A horizontal line is drawn below the numbers. The result, 15,485, is written below the line. Arrows indicate borrowing: from the 8 in the tens place to the 0 in the ones place, and from the 9 in the hundreds place to the 8 in the tens place. The digits 10 and 10 are written above the 0s to show the borrowed amounts.

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 = **Rs.50,000 + Rs.2,28,000 + Rs.1,75,000 = Rs. 4,53,000**

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



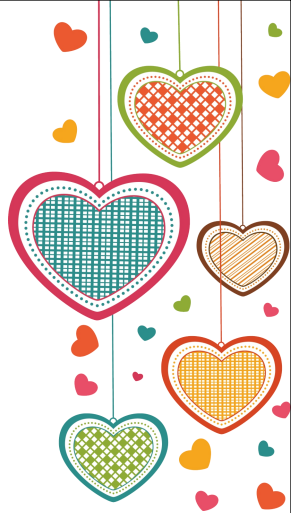
EXERCISE – 5 (C)

$$10 + 5$$

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

$$\begin{array}{r} 15 \qquad \qquad 9 \\ 2, \overset{6}{\cancel{7}} \overset{\nearrow}{5}, \overset{7}{\cancel{8}} \overset{\nearrow}{10} \overset{\nearrow}{10} \\ - 2, 3, 6, 3, 5, 5 \\ \hline 0, 3, 9, 4, 4, 5 \end{array}$$

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
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