Girls' High School And College , Prayagraj

Worksheet no. 8

Session 2020 - 2021

Class 4A - F

Subject -Maths

Chapter – Subtraction

INSTRUCTIONS FOR THE PARENTS :-

 Parents are expected to ensure that the child understands, learns and is able to do the exercises followed by the explanation. Parents should also see to it that the child keeps on revising the previous topics.

SUBTRACTION STORIES OR WORD PROBLEMS -

* Many situations around us require subtracting numbers. For example, we may have to subtract the amount mentioned in a bill , from the value of notes we have given to find the money we will get back. This helps us to check if the balance given back is correct or not.

*Subtraction may or may not involve carry over or borrowing.

* We do word problems by writing down statements along with the number to be subtracted. After showing proper working we will also write the final answer in the form of a statement.

EXAMPLE :- 1

Q1:- A company sold 8 , 9 8 , 4 6 2 computers this year. Last year they had sold 8 , 9 1 ,2 7 0 computers. How many more computers did they sell this year ?

Solution :-

Number of computers sold this year = 8 9 8 4 6 2

Number of computers sold last year = 8 9 1 2 7 0

                                                      ----

                                                            7 1 9 2

Ans. - 7 1 9 2 more computers were sold this year.

EXAMPLE :- 2

Q:-2) What must be added to 4 2 1 3 to get 7 6 3 1 ?

Solution :- The sum of two numbers = 7 6 3 1.

One number = 4 2 1 3

The other number = 7 6 3 1 - 4 2 1 3

= 3 4 1 8

Ans. - Hence the required number = 3 4 1 8 .

EXAMPLE 3 :-

Q:-3) There are 5 3 , 6 8 1 students in an open University. 2 2 , 7 7 4 of them are girls. How many students of the University are boys?

Solution :-

Number of students = 5 3 6 8 1

Number of girls.   = 2 2 7 7 4

Number of boys   = 3 0 9 0 7

Ans – The number of boys are 3 0 9 0 7.

EXERCISE

SOLVE THE FOLLOWING PROBLEM SUMS -

Q:-1) Last year, a cycle factory produced 8 , 3 1 9 cycles.This year the production came down by

5 , 7 6 1 cycles. What is the production this year?

Q:-2) The population of a town is 9 1 2 3. If the number of males is 3 5 7 2 , find the number of females in the town.

Q:-3) In an examination , 8 , 3 8 0 candidates appeared. Out of these 4 ,0 9 0 candidates failed. How many candidates passed?

Q :4) A factory produced 8 ,5 4 0 bulbs in the year 2014 .Out of them 3 , 4 7 9 bulbs were found defective. How many bulbs were found in working condition ?

Q:-5) The sum of two numbers is 7, 5 6 1 . If one of them is 4 , 0 7 8 . Find the other.

Q :- 6) A hospital treated 1 ,97 ,5 1 8 patients in March and 2,7 9 ,5 2 9 patients in April. How many more patients did it treat in April than in March?

Q:-7) Sum of two numbers is 6 4 ,2 8 2. If one of them is 3 2 , 1 0 0 .Find the other number.

Q:- 8) In a poultry farm 8 7 ,6 9 2 eggs were collected during the year. Out of these 2 ,6 9 6 eggs were cracked , so they could not be sold. How many eggs could be sold?

ADDITION AND SUBTRACTION TOGETHER -

* Some situations may involve addition and subtraction together.

* Rule :- According to the rule of simplification addition is done before subtraction.

* If the number has no sign before it, it is taken as positive (+).

Add the terms with plus (+) sign and then subtract the term with minus (-) sign.

EXERCISE -
SOLVE THE FOLLOWING SUMS -

a) 5 4 ,1 4 4 + 4 4 ,2 8 0 - 7 2 , 9 2 1

b) 6 6 , 4 5 8 - 2 1 ,4 0 4 + 3 7 , 8 1 6

c) 5 , 4 1 8 - 2 , 5 1 3 + 4 , 5 6 3

d) 4 , 3 8 1 + 3, 8 0 0 - 2 , 9 0 1

e) 5 , 3 9 2 + 1 , 8 3 4 - 2 , 7 2 1 - 9 8 4

SOLVE THE FOLLOWING WORD PROBLEMS -

Q:-1) A reservoir had 2 , 6 7 ,8 0 0 litres of water. 1 , 2 7 , 9 5 0 litres more water was added to the reservoir. Now 7 8 , 0 0 0 litres of water was released. How many litres of water has the reservoir still stored in it ?

Q:-2) Mr. Gupta has Rs. 1 , 2 8 ,9 6 7 in his bank account. He withdrew Rs. 6 7 ,8 0 0 in morning and deposited Rs. 5 7 8 0 0 in the evening. What is his final balance now?

**********************************END ******************************