Chapter – 4. Subtraction

Auditory

1. The number of balloons Ritesh had at first = 26
   Number of balloons left after some flew away = 21
   Total number of ballons that flew away = 26 − 21 = 5
   Total 5 balloons flew away.

T	O
2	6
− 2	1
0	5

2. The operation used was subtraction.

Word Problems

4. **a.** Total number of people at the exhibition = 2907
   Total number of Men and women at the exhibition = 1978
   Total number of children in the exhibition =
   Total number of people at the exhibition − total number of men and women
   = 2907 − 1978 = 929.
   There are 929 children in the exhibition.

Th	H	T	O
	18		
1	8	9	17
2	9	0	7
− 1	9	7	8
9	2	9	

b. Total number of roses in the garden = 4500
Total number of yellow roses in the garden = 2678
Total number of red roses in the garden = 4500 − 2678 = 1822
There are 1822 red roses in the garden.

Th	H	T	O
	14		
3	4	9	10
4	5	0	0
− 2	6	7	8
1	8	2	2

c. Total number of students in the cricket coaching centre = 2400
The number of students who left the cricket coaching centre = 946
The number of students remaining in the cricket
coaching centre = 2400 − 946 = 1454

Th	H	T	O
	13		
1	3	9	10
2	4	0	0
−	9	4	6
1	4	5	4

	Th	H	T	O
		1		
		3	5	0
+	1	1	6	8
	1	5	1	8

6. a. The total number motorcycles that can be parked in the parking lot of the factory = 2000

The number of motorcycles already parked = 350.

Number of additional motorcycles parked during the day = 1168.

Total number of motorcycles parked = 350 + 1168 = 1518

The number of additional motorcycles that can be parked = 2000 − 1518 = 482.

Thus, 482 more motorcycles can be parked.

	Th	H	T	O
	1	9	9	10
	2	0	0	0
−	1	5	1	8
	0	4	8	2

6. b. Initial members of the Bookster Public Library = 7525

The number of members who left = 848

The number of members who joined = 684

The number of members remaining after 848 members left the library = 7525 − 848 = 6677

The number of members after 648 new members joined the library = 6677 + 684 = 7361

The Bookster Public library now has 7361 members.

	Th	H	T	O
		14	11	
	6	4	1	15
	7	5	2	5
−		8	4	8
	6	6	7	7

	Th	H	T	O
	1	1	1	
	6	6	7	7
+		6	8	4
	7	3	6	1

Learning better

A. 4. Cost of one ticket = ₹175

So, cost of two tickets ₹175 + ₹175 = ₹350

The change she will get back.

₹500 − ₹350 = ₹150

She will get back ₹150.

The correct option is a. ₹150.

	H	T	O
	1	1	
	1	7	5
+	1	7	5
	3	5	0

	H	T	O
	4	10	
	5	0	0
−	3	5	0
	1	5	0

F. 1. Total number of students taken to the Science Museum = 1165
Number of boys = 809
Number of girls = Total students − Number of boys
= 1165 − 809 = 356
There are 356 girls in the group.

Th	H	T	O
	11	5	15
1̶	1̶	6̶	5̶
−	8	0	9
	3	5	6

2. Price of bookshelf = ₹7300
Price of study table = ₹4750
Difference in cost = ₹7300 − ₹4750 = ₹2550
Bookshelf cost more by ₹2550.

Th	H	T	O
	12		
6	2̶	10	
7̶	3̶	0̶	0
− 4	7	5	0
2	5	5	0

3. Amount of money Tina has = ₹1550
Amount her mother gives her = ₹2250
Total amount of money with Tina after mother gives her ₹2250
= ₹1550 + ₹2250 = ₹3800
Amount spent on books and snacks = ₹1949
Amount left with Tina = ₹3800 − ₹1949 = ₹1851.
Tine has ₹1851 left.

Th	H	T	O
	1		
1	5	5	0
+ 2	2	5	0
3	8	0	0

Th	H	T	O
	17		
2	7̶	9	10
3̶	8̶	0̶	0̶
− 1	9	4	9
1	8	5	1

4. Initial number of passengers in the train = 2567
The number of people who get on at the first station = 896
Total number of passengers after boarding at first station
= 2567 + 896 = 3463
People who get off at the next station = 679
Remaining number of passengers on the train
= 3463 − 679 = 2784.
2784 people are still on the train.

Th	H	T	O
1	1	1	
2	5	6	7
+	8	9	6
3	4	6	3

Th	H	T	O
	13	15	
2	3̶	5̶	13
3̶	4̶	6̶	3̶
−	6	7	9
2	7	8	4