Chapter 3: Addition and Subtraction

Problem Set 7 | Q 1 | Page 10
Add:
  40722
+ 13819

SOLUTION

    1 1
  40722
+ 13819
  54541

Problem Set 7 | Q 2 | Page 10
Add:
  56427
+10648

SOLUTION

   1   1
  56427
+10648
  67075

Problem Set 7 | Q 3 | Page 10
Add:
  64027
+ 28409

SOLUTION

  1   1
  64027
+ 28409
  92436

Problem Set 7 | Q 4 | Page 10
Add:
  33216
+ 28540

```
    1
   33216
 + 28540
   61756
```

PROBLEM SET 8 [PAGE 11]

Problem Set 8 | Q 1 | Page 11
Add:

42,311 + 65,36,624

SOLUTION

TL	L	TTh	Th	H	T	U
		4	2	3	1	1
+ 6	5	3	6	3	2	4
6	5	7	8	6	3	5

Problem Set 8 | Q 2 | Page 11
Add:

3,17,529 + 8,04,613

SOLUTION

+	L	TTh	Th	H	T	U
		1	1		1	
	3	1	7	5	2	9
	8	0	4	6	1	3
	11	2	2	1	4	2

Problem Set 8 | Q 3 | Page 11

Add:

12,42,746 + 4,83,748

SOLUTION

+	TL	L	TTh	Th	H	T	U

		1		1		1	
	1	2	4	2	7	4	6
		4	8	3	7	4	8
	1	7	2	6	4	9	4

Problem Set 8 | Q 4 | Page 11

Add:
24,12,636 + 23,19,058

SOLUTION

+	TL	L	TTh	Th	H	T	U
			1			1	
	2	4	1	2	6	3	6
	2	3	1	9	0	5	8
	4	**7**	**3**	**1**	**6**	**9**	**4**

Problem Set 8 | Q 5 | Page 11

Add:
2,654 + 71,209 + 5,03,789

SOLUTION

```
    112
   2654
 +71209
+503789
  577652
```

Problem Set 8 | Q 6 | Page 11
Add:
29 + 726 + 51,36,274

SOLUTION

```
  111
   29
+726
+5136274
  5137029
```

Problem Set 8 | Q 7 | Page 11

Add:

14,02,649 + 524 + 28,13,749

SOLUTION

```
 1    112
  1402649
+     524
+2813749
   4216922
```

Problem Set 8 | Q 8 | Page 11

Add:

23,45,678 + 9,87,654

SOLUTION

```
 111111
 2345678
+987654
  3333332
```

Problem Set 8 | Q 9 | Page 11

Add:

22 + 6,047 + 3,84,527

SOLUTION

```
      11
      22
+   6407
+384527
  390956
```

Problem Set 8 | Q 10 | Page 11

Add:

2,345 + 65,432 + 76,54,369

SOLUTION

```
   11111
    2345
+  65432
+7654369
   7722146
```

PROBLEM SET 9 [PAGE 11]

Problem Set 9 | Q 1 | Page 11

Solve the following problem.
In a certain election, 13,47,048 women and 14,29,638 men cast their votes. How many votes were polled altogether?

SOLUTION

```
  1347048 Women votes
+1429638 Men votes
  2776686 Total votes
```

Altogether 27,76,686 votes were polled.

Problem Set 9 | Q 2 | Page 11
Solve the following problem.
What will be the sum of the smallest and the largest six-digit numbers?

SOLUTION

```
  100000 Smallest six-digit No.
+999999 Largest six-digit No
 1099999 Total of six-digit No.
```

Altogether 10,99,999 six-digit numbers.

Problem Set 9 | Q 3 | Page 11
Solve the following problem.
If Surekhatai bought a tractor for ₹ 8,07,957 and a thresher for ₹ 32,609, how much money did she spend altogether?

SOLUTION

```
  807957 Tractor
+32609 Thresher
  840566 Total
```

Surekhatai spend ₹ 8,40,566 altogether.

Problem Set 9 | Q 4 | Page 11
Solve the following problem.
A textile mill produced 17,24,938 meters of cloth last year and 23,47,056 meters this year. What was the total production for the two years?

SOLUTION

```
  1724938 m. prod. last year
+ 2347056 m. prod. this year
  4071994 m. prod. in 2 years
```

40,71,994 meters was the total production for the two years

Solve the following problem.
If the Government gave ₹ 34,62,950 worth of computers and ₹ 3,26,578 worth of TV sets to the schools, what is the total amount it spent on this equipment?

SOLUTION

```
  3462950 ₹Computers
+  326578  ₹TV sets
  3789528 Total ₹
```

Total amount spent on equipments is ₹ 37,89,528

PROBLEM SET 10 [PAGE 12]

Subtract:
```
  64293
- 28547
```

SOLUTION

```
  64293
- 28547
  35746
```

Subtract:
```
  37058
– 23469
```

SOLUTION

```
  37058
– 23469
  13589
```

Subtract:
```
  71540
– 58628
```

SOLUTION

```
  71540
– 58628
  12912
```

Subtract:

```
  50432
– 48647
```

SOLUTION

```
  50432
– 48647
  01785
```

PROBLEM SET 11 [PAGE 13]

Problem Set 11 | Q 1 | Page 13

Subtract:
8,57,513 – 4,82,256

SOLUTION

				10	
7	15		4	0	13
8	5	7	5	1	3
- 4	8	2	2	5	6
3	**7**	**5**	**2**	**5**	**7**

Problem Set 11 | Q 2 | Page 13

Subtract:
13,17,519 – 10,07,423

SOLUTION

				4	11	
1	3	1	7	5	1	9
- 1	0	0	7	4	2	3
0	**3**	**1**	**0**	**0**	**9**	**6**

Problem Set 11 | Q 3 | Page 13

Subtract:
68,34,501 – 23,57,823

```
  6834501
- 2357823
  4476678
```

Problem Set 11 | Q 4 | Page 13
Subtract:
45,43,827 – 12,05,938

```
  4543827
- 1205938
  3337889
```

Problem Set 11 | Q 5 | Page 13
Subtract:
70,12,345 – 28,64,547

```
  7012345
- 2864547
  4147798
```

Problem Set 11 | Q 6 | Page 13
Subtract:
38,01,213 – 37,54,648

```
  3801213
- 3754648
  0046565
```

PROBLEM SET 12 [PAGE 13]

Problem Set 12 | Q 1 | Page 13

Prathamesh wants to buy a laptop worth 27,450 rupees. He has 22,975 rupees. What is the amount he still needs to be able to buy the laptop?

```
  27450 Laptop worth
- 22975 Prathmesh has
  04475 Require more
```

Problem Set 12 | Q 2 | Page 13

A company produced 44,730 scooters in a certain year and 43,150 in the next. How many more scooters did they produce in the previous year?

```
  44730 In previous year
- 43150 In next year
  01580
```

Problem Set 12 | Q 3 | Page 13

In a certain city, the number of men is 16,37,856 and the number of women is 16,52,978. By how many does the number of women exceed the number of men?

```
  1652978 Women
- 1637856 Men
  0015122
```

Problem Set 12 | Q 4 | Page 13

An organization decided to collect 25,00,000 rupees for a certain project. They collected 26,57,340 through donations and other kinds of aid. By how much did they exceed their target?

```
  2657340 collected
- 2500000 decided to collect
  0157340 collected more
```

Problem Set 12 | Q 5 | Page 13

Use the numbers 23,849 and 27,056 to make a subtraction problem. Solve the problem.

In a certain shop, the price of a computer was ₹ 23,849 and that of a TV set is ₹ 27,056.

Price of a TV set is how much more than that of a computer.

```
  ₹ 27056 Price of T.V. sets
- ₹ 23849 Price of computer
     03207 Price is more
```

Price of a TV set is more than the computer by ₹ 3,207

Problem Set 13 | Q 1 | Page 14

The Forest Department planted 23,078 trees of Khair, 19,476 of behada besides trees of several other kinds. If the Department planted 50,000 trees altogether, how many trees were neither of Khair nor of behada?

SOLUTION

  23078 Trees of khair
+19476 Trees of behada
42554 Trees of Khair and behada

  50000 Total trees planted
- 42554 Khair and behada trees planted
  7446 Other kinds of trees planted

7,446 trees planted other than khair and behada trees.

Problem Set 13 | Q 2 | Page 14
A city has a population of 37,04,926. If this includes 11,24,069 men and 10,96,478 women, what is the number of children in the city?

SOLUTION

  1124069 Men
+ 1096478 Women
  2220547 **Total of men and women**

  3704926 Total population
- 2220547 Men and women
  1484379 No. of children

Number of children in the city is 14,84,379

Problem Set 13 | Q 3 | Page 14
The management of a certain factory had 25,40,600 rupees in the labour welfare fund. From this fund, 12,37,865 rupees were used for medical expenses, 8,42,317 rupees were spent on the education of the workers' children and the remaining was put aside for a canteen. How much money was put aside for the canteen?

SOLUTION

 ₹ 1237865 Billie ka bilungada
+₹ 842317 Education for workers children
    2080 Spent for medical and education.

₹ 2540600 Labour welfare fund
- ₹ 2080182 Medical & education
₹ 460418 Kept aside for canteen

₹ 4,60,418 put aside for the canteen.

Problem Set 13 | Q 4 | Page 14

For a three-day cricket match, 13,608 tickets were sold on the first day and 8,955 on the second day. If, altogether, 36,563 tickets were sold in three days, how many were sold on the third day?

SOLUTION

13608 Tickets sold on 1st day
+ 8955 Ticket sold on 2nd day
22563 Tickets sold on 1st and 2nd day

36563 Tickets sold in 3 days
- 22563 Tickets sold in 2 days
14000 Tickets sold on 3rd day

₹14,000 tickets sold on the third day.