

St. Andrews Scots Sr. Sec. School

I.P.Extension, Patparganj, Delhi- 110092

Session:2026-2027

Subject: Mathematics

Class: III

Unit-4 (Subtraction of 4 Digit Numbers)

Questions to be done:

Ex 4A- Q1 -a,c,f in Book

Q2-c,d in Notebook

Q3 in Notebook

Q6 in Notebook

Q7 in Book

Ex 4B- Q1,3,5,7 in Notebook

Ex4C- Q1- a,d,f in Book

Q2- a,c in Notebook

Q3- b,f in Notebook

Ex 4D- Q1,4,6,7 in Notebook

Ex 4E- Q1 in Book

. Q2,3 in Notebook

Ex4F- Q1 c in Notebook

Q2 b in Notebook

Review Time

Worksheet

Activity

Solutions

Exercise 4A

$$\begin{array}{r} \text{1. (a)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 8 & 7 & 9 & 2 \\ - & 5 & 4 & 3 & 1 \\ \hline 3 & 3 & 6 & 1 \end{array} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 3 & 2 & 7 & 6 \\ - & 1 & 0 & 5 & 4 \\ \hline 2 & 2 & 2 & 2 \end{array} \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 9 & 6 & 5 & 3 \\ - & 3 & 5 & 4 & 2 \\ \hline 6 & 1 & 1 & 1 \end{array} \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 5 & 6 & 4 & 8 \\ - & 4 & 1 & 3 & 5 \\ \hline 1 & 5 & 1 & 3 \end{array} \end{array}$$

$$\begin{array}{r} \text{(e)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 2 & 7 & 5 & 3 \\ - & 1 & 3 & 0 & 2 \\ \hline 1 & 4 & 5 & 1 \end{array} \end{array}$$

$$\begin{array}{r} \text{(f)} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 6 & 4 & 7 & 0 \\ - & & 3 & 4 & 0 \\ \hline 6 & 1 & 3 & 0 \end{array} \end{array}$$

$$\begin{array}{r} \text{2. (a)} \quad \begin{array}{cccc} & 3 & 4 & 7 & 1 \\ - & 2 & 3 & 5 & 0 \\ \hline & 1 & 1 & 2 & 1 \end{array} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \begin{array}{cccc} & 4 & 7 & 3 & 2 \\ - & 3 & 1 & 2 & 1 \\ \hline & 1 & 6 & 1 & 1 \end{array} \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \begin{array}{cccc} & 5 & 8 & 6 & 3 \\ - & 3 & 2 & 4 & 1 \\ \hline & 2 & 6 & 2 & 2 \end{array} \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \begin{array}{cccc} & 9 & 6 & 7 & 5 \\ - & 7 & 3 & 6 & 5 \\ \hline & 2 & 3 & 1 & 0 \end{array} \end{array}$$

$$\begin{array}{r} \text{3.} \quad \begin{array}{cccc} & 4 & 1 & 8 & 5 \\ - & 1 & 0 & 7 & 2 \\ \hline & 3 & 1 & 1 & 3 \end{array} \end{array}$$

$$\begin{array}{r} \text{4.} \quad \begin{array}{cccc} & 6 & 6 & 9 & 7 \\ - & 4 & 3 & 7 & 2 \\ \hline & 2 & 3 & 2 & 5 \end{array} \end{array}$$

$$\begin{array}{r} \text{5.} \quad \begin{array}{cccc} & 9 & 8 & 0 & 0 \\ - & 8 & 7 & 0 & 0 \\ \hline & 1 & 1 & 0 & 0 \end{array} \end{array}$$

$$\begin{array}{r} \text{6.} \quad \begin{array}{cccc} & 9 & 9 & 9 & 9 \\ - & 1 & 2 & 3 & 4 \\ \hline & 8 & 7 & 6 & 5 \end{array} \end{array}$$

7. (a) 1794 (b) 0 (c) 2140 (d) bigger, smaller

Exercise 4B

- Number of stamps, Reema got = 1235
 Number of stamps damaged = $\underline{-124}$
 Number of stamps left with her = $\underline{1111}$
- Points scored by Rohit = 5872
 Points scored by Vikas = 9884

$$\begin{array}{r} 9 \ 8 \ 8 \ 4 \\ - \ 5 \ 8 \ 7 \ 2 \\ \hline \end{array}$$
 Difference = $\underline{4 \ 0 \ 1 \ 2}$ points
- Larger number = 9876
 Difference = 2845
 Larger number – difference

$$\begin{array}{r} 9 \ 8 \ 7 \ 6 \\ - \ 2 \ 8 \ 4 \ 5 \\ \hline 7 \ 0 \ 3 \ 1 \\ \hline \end{array}$$
 So, smaller number = 7031.
- Total no. of students = 2760
 Number of boys = 1650
 Number of girls = $2760 - 1650 = 1110$
- No. of people visited zoo in first week = 5798
 No. of people visited zoo in next week = 4567
 Difference = $5798 - 4567 = 1231$ people.
- Distance covered by train = 3500 km
 Distance covered by bus = 2400 km
 Difference in distance = $3500 - 2400 = 1100$ km.
 Hence, train covers more distance by = 1100 km
- Total no. of cement bags in godown = 4312
 No. of cement bags sold out = 2310
 No. of bags left in godown = $4312 - 2310 = 2002$ bags.

Exercise 4C

- $$\begin{array}{r} \text{Th} \ \text{H} \ \text{T} \ \text{O} \\ \textcircled{4} \ \textcircled{10} \\ \cancel{5} \ \cancel{8} \ 9 \ 4 \\ - \ 2 \ 4 \ 7 \ 3 \\ \hline 2 \ 6 \ 2 \ 1 \end{array}$$
 - $$\begin{array}{r} \text{Th} \ \text{H} \ \text{T} \ \text{O} \\ \phantom{\textcircled{4}} \ \phantom{\textcircled{11}} \\ \phantom{\cancel{5}} \ \phantom{\cancel{8}} \ \cancel{5} \ \cancel{1} \\ - \ 3 \ 6 \ 4 \ 9 \\ \hline 3 \ 2 \ 0 \ 2 \end{array}$$

(c)

	Th	H	T	O
	⑥	⑨	⑩	⑬
	7	8	1	3
-	4	3	1	8
	2	6	9	5

(d)

	Th	H	T	O
		①	⑨	⑮
	8	2	8	5
-	5	1	6	7
	3	0	3	8

(e)

	Th	H	T	O
	④	⑮	⑭	
	5	6	4	3
-	1	9	8	2
	3	6	6	1

(f)

	Th	H	T	O
	⑧	⑨	⑨	⑩
	9	8	8	8
-	6	8	7	6
	2	1	2	4

2. (a)

		⑥	⑨	⑩
	6	7	0	0
-	2	1	9	4
	4	5	0	6

(b)

	⑦	⑪	⑮	⑭
	8	2	6	4
-	1	2	9	7
	6	9	6	7

(c)

	①	⑨	⑫	⑪
	2	0	3	1
-	1	4	9	5
		5	3	6

Checking through Addition

3. (a)

	Th	H	T	O
	②	⑨	⑬	⑪
	3	0	4	1
-	1	3	4	8
	1	6	9	3

	Th	H	T	O
	①	①	①	
	1	6	9	3
+	1	3	4	8
	3	0	4	1

(b) Checking through Addition

Th	H	T	O
(8)	(12)		
9	2	6	4
-	7	8	4
1	4	2	3

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

(c) Checking through Addition

Th	H	T	O
(6)	(9)	(9)	(10)
7	0	0	0
-	1	6	9
5	3	0	1

Th	H	T	O
(1)	(1)	(1)	
5	3	0	1
+	1	6	9
7	0	0	0

(d) Checking through Addition

Th	H	T	O
(3)	(11)		(13)
4	1	9	3
-	2	3	7
1	8	1	4

Th	H	T	O
(1)		(1)	
1	8	1	4
+	2	3	7
4	1	9	3

(e) Checking through Addition

Th	H	T	O
(1)	(10)	(9)	(13)
2	1	0	3
-	1	8	4
0	2	5	4

Th	H	T	O
(1)	(1)	(1)	
2	5	4	
+	1	8	4
2	1	0	3

Checking through Addition

(f)

Th	H	T	O		Th	H	T	O	
6	9	10	15		1	1	1		
7	0	1	5		3	2	2	9	
-	3	7	8	6	+	3	7	8	6
3	2	2	9		7	0	1	5	

Exercise 4D

1. Number of students in school 'A' = 2872

Number of students in school 'B' = -1584

Difference = 1288

Thus, School 'A' has 1288 more students than school 'B'.

2. Sum of two numbers = 8342

One number = -6985

Thus, other number = 1357

3. Total no. of students = 4000

No. of boys = -2894

No. of girls = 1106

4. Total no. of ice cream cups = 3450

No. of ice cream cups left = -279

Thus, no. of ice cream cups used = 3171

5. Total no. of people in the stadium = 9000

No. of people left the stadium = -2479

Remaining number of people in stadium = 6521

6. No. of eggs sold in a week = 6892

In next week less eggs sold = -1985

No. of eggs sold in 2nd week = 4907

7. No. of elephants in the park = 1354

No. of deer in the park = +394

Total no. of animals = 1748

No. of elephants transferred = 295

1748

-295

1453

Thus, no. of animals left in the park = 1453.

Exercise 4E

1. (a)	3 4 1 5	(b)	7 1 0 8	(c)	3 0 7 3
	+ 5 4 1 8		+ 2 1 0 3		+ 2 8 0 4
	8 8 3 3		9 2 1 1		5 8 7 7
	8 8 3 3		9 2 1 1		5 8 7 7
	- 1 6 3 4		- 5 2 6 8		- 5 3 5 5
	7 1 9 9		3 9 4 3		0 5 2 2

2.	4 0 9 7	3.	1 8 7 5	4.	1 4 2 6
	+ 4 7 2 3		+ 8 2 6		+ 1 0 5 6
	8 8 2 0		2 7 0 1		2 4 8 2
	8 8 2 0		2 7 0 1		2 4 8 2
	- 1 7 9 6		- 3 2 5		- 1 5 6 3
	7 0 2 4		2 3 7 6		0 9 1 9

So number of passengers
in the train are 2376

So, number of
banana(s) left
with him are 919

Exercise 4F

1. (a) 26 $\xrightarrow{\text{rounded to nearest tens}}$ 30
13 $\xrightarrow{\text{rounded to nearest tens}}$ 10

Estimated difference

T	O
3	0
-	1 0
	2 0

Actual difference

T	O
2	6
-	1 3
	1 3

(b) 72 $\xrightarrow{\text{rounded to nearest tens}}$ 70
21 $\xrightarrow{\text{rounded to nearest tens}}$ 20

Estimated difference

T	O
7	0
-	2 0
	5 0

Actual difference

T	O
7	2
-	2 1
	5 1

(c) $592 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 590$

$63 \xrightarrow[\text{nearest tens}]{\text{rounded to}} 60$

Estimated difference

H	T	O
5	9	0
-	6	0
5	3	0

Actual difference

H	T	O
5	9	2
-	6	3
5	2	9

2. (a) $245 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 200$

$125 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 100$

Estimated difference

H	T	O
2	0	0
-	1	0
1	0	0

Actual difference

H	T	O
2	4	5
-	1	2
1	2	0

(b) $349 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 300$

$119 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 100$

Estimated difference

H	T	O
3	0	0
-	1	0
2	0	0

Actual difference

H	T	O
3	4	9
-	1	1
2	3	0

(c) $2169 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 2200$

$149 \xrightarrow[\text{nearest hundreds}]{\text{rounded to}} 100$

Estimated difference

Th	H	T	O
2	2	0	0
-	1	0	0
2	1	0	0

Actual difference

Th	H	T	O
2	1	6	9
-	1	4	9
2	0	2	0

Review Time

I. 1. (b) 2. (c) 3. (c) 4. (a) 5. (b)

II. 1. 0 2. 0 3. 0 4. 4175 5. 3006 6. 3895

III. 1. False 2. True 3. True 4. True 5. False

IV. 1. (c) 2. (c) 3. (a) 4. (b)