

SESSION : 7
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 3
CHAPTER NAME : ADDITION
SUBTOPIC : ADDITION OF THREE 4-DIGIT NUMBERS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Children will acquire the knowledge:

- * How to explain the formula for adding three numbers**
- * Use regrouping in addition**

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

i) Say a 4-digit number using different digits.

1 2 4 7

ii) Say a 4-digit number using all same digits.

9 9 9 9

iii) Say a 4-digit number with all even digits.

2 4 6 8

iv) Say a 4-digit number with all odd digits.

1 3 5 7

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

Now let us add three 4-digit numbers

2843

+

3579

+

1937

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

Now let us add three 4-digit numbers

$$2843 + 3579 + 1937$$

1st step:

add the ones →

$$3 + 9 + 7 = 19 = 1\text{ten} + 9\text{ones.}$$

So, write

9 in ones column and **carry 1** to the tens column.

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

Now let us add three 4-digit numbers


$$2843 + 3579 + 1937$$

2nd step:

add the tens →

$$4 + 7 + 3 = 14 + 1 = 15$$

So, write **5** in the tens column and carry 1 to the hundreds column.

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

Now let us add three 4-digit numbers

$$2843 + 3579 + 1937$$

3rd step:

add the hundreds $\rightarrow 8 + 5 + 9 = 22 + 1 = 23$

So, write

3 in the hundreds column and **carry 2** to the thousands column.

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

Now let us add three 4-digit numbers

$$2843 + 3579 + 1937$$

4th step:

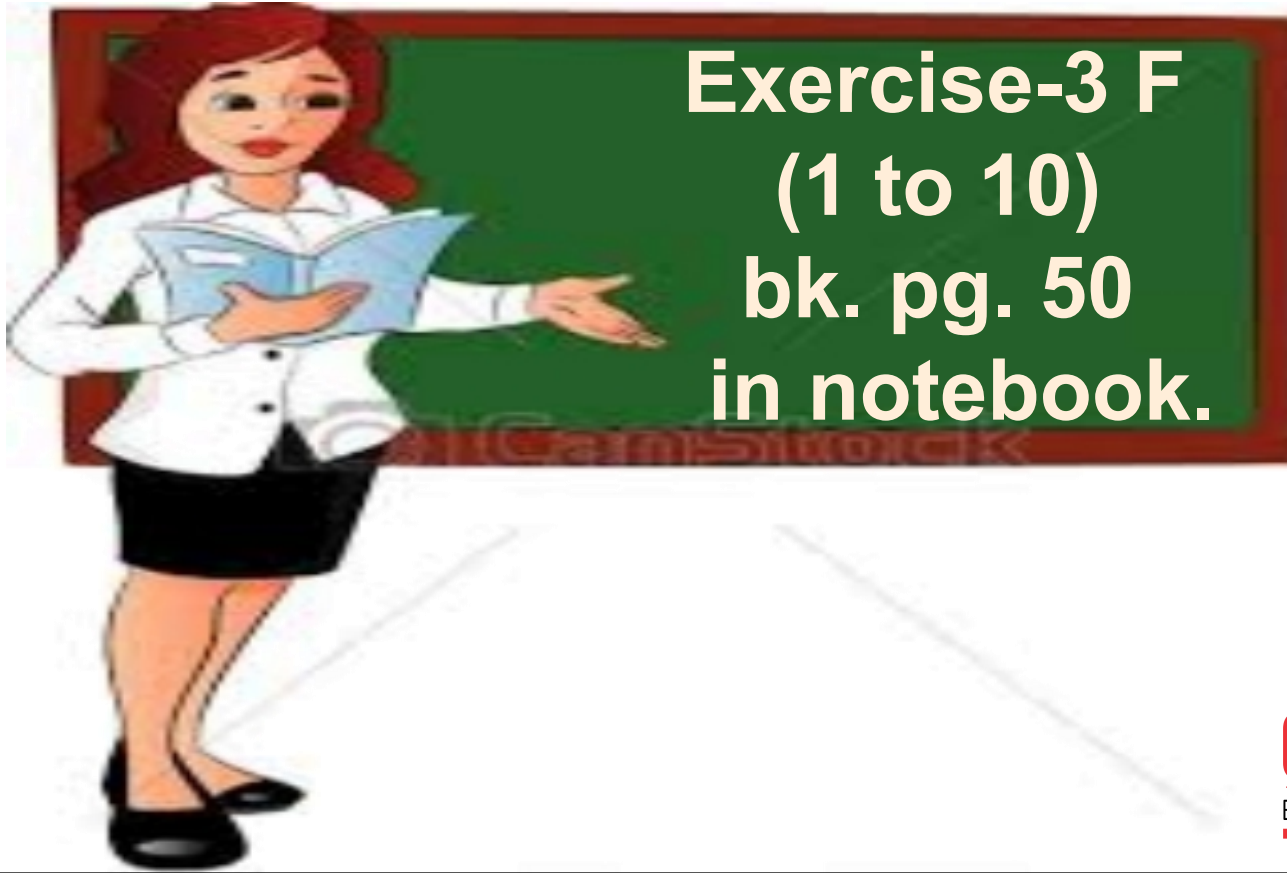
add the thousands $\rightarrow 2 + 3 + 1 = 6 + 2 = 8$

So, write **8** in the thousands column

So, the answer of $2843 + 3579 + 1937 = 8359$

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS



ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

Add the following numbers:

1

	Th	H	T	O
		1		
	2	3	6	2
	2	1	3	0
+	4	2	1	0
<hr/>				
	8	7	0	2

2

	Th	H	T	O
		1	1	
	4	3	0	2
	3	0	9	4
+	1	3	1	6
<hr/>				
	8	7	1	2

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

3

	Th	H	T	O
		1		
	2	1	2	6
	4	5	9	1
+	2	1	2	1
<hr/>				
	8	8	3	8

4

	Th	H	T	O
		1		
	3	0	9	5
	5	0	3	2
+	1	2	1	1
<hr/>				
	9	3	3	8

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

5

	Th	H	T	O
	1	3	5	7
	4	5	0	1
+	2	1	1	1
<hr/>				
	7	9	6	9

6

	Th	H	T	O
	1	2		
	1	0	8	9
	2	8	9	0
+	3	9	8	0
<hr/>				
	7	9	5	9

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

7

	Th	H	T	O
			1	
	4	3	5	6
	3	1	2	2
+	1	0	0	9
<hr/>				
	8	4	8	7

8

	Th	H	T	O
	1	1	1	
	5	0	0	4
	2	9	9	9
+	1	0	0	6
<hr/>				
	9	0	0	9

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS

9

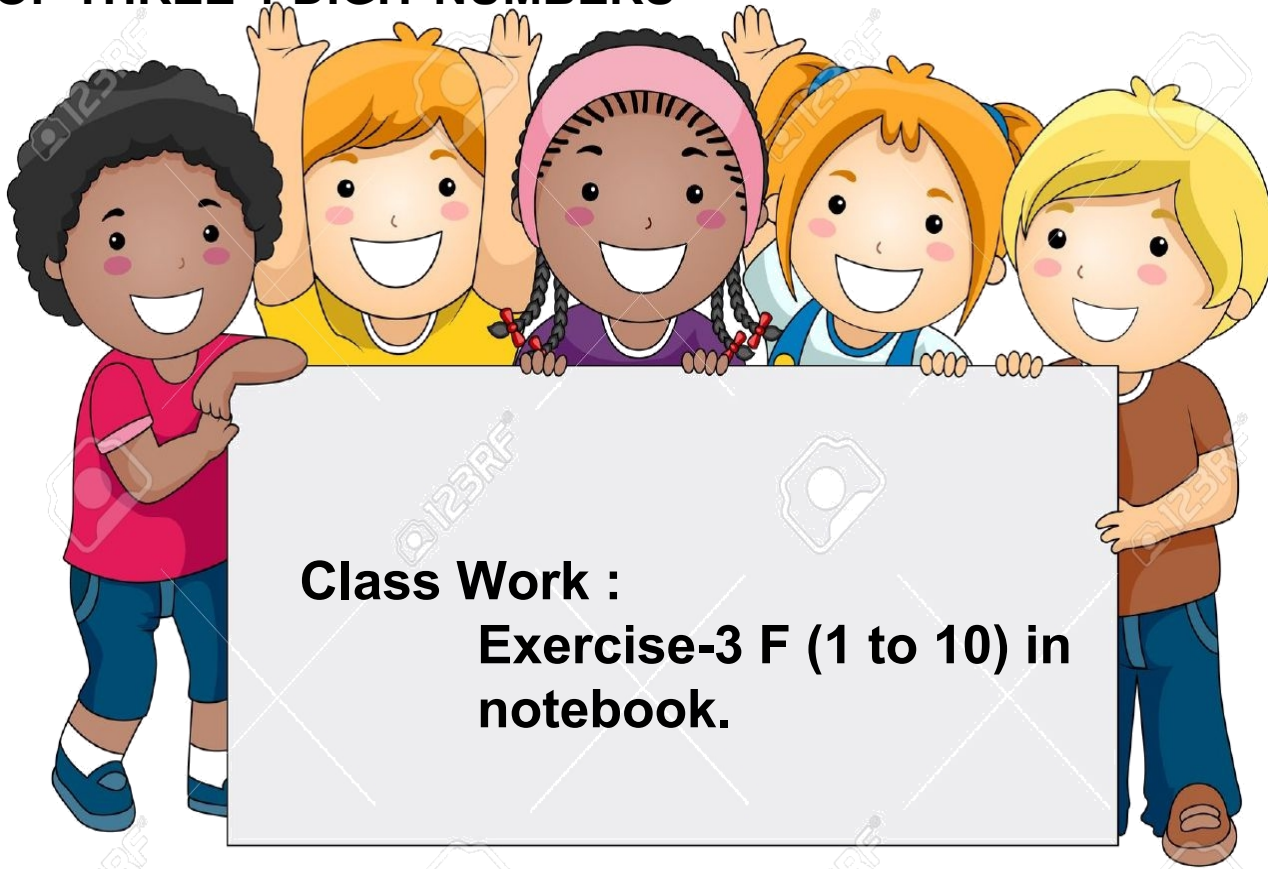
	Th	H	T	O
		1	1	
	3	1	2	3
	5	6	1	7
+	1	0	8	0
<hr/>				
	9	8	2	0

10

	Th	H	T	O
		1	1	
	4	1	4	4
	3	0	9	8
+	1	9	2	1
<hr/>				
	9	1	6	3

ADDITION

ADDITION OF THREE 4-DIGIT NUMBERS



Class Work :
Exercise-3 F (1 to 10) in
notebook.

LEARNING OUTCOME:

Upon completion of this lesson, students will be able to: explain the formula for adding three numbers; use regrouping in addition.



THANKING YOU
ODM EDUCATIONAL
GROUP