SESSION : 3
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 3
CHAPTER NAME : ADDITION
SUBTOPIC : ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

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LEARNING OBJECTIVE :

The children will

* Develop conceptual understanding

* Explain and model personal strategies for adding 3-digit number with a 4-digit number with carry over

* Write two different digit numbers in correct place and add

*** Use the method of addition in day to day life**

ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

ADDITION

The addition means finding the total or sum of two or more numbers by combining them.

Let's see the symbol of addition:

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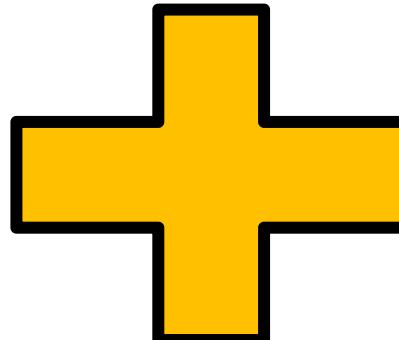
ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Children you already learned in the previous classes, now say:
i)Which is the greatest 3-digit number?
ii)If we add 1 which number we get?
iii)Which is the smallest 3-digit number?

ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Explanation

Let us recall how to write a 3-digit number and a 4-digit number under proper place values through a place value chart.

For example: 7 2 5   +   2 4 3 9

Step 1. Place 7 2 5 in the place value chart.

Hundreds	Tens	Ones
7	2	5

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ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Step 2. Place 2 4 3 9 in the place value chart.

Thousands	Hundreds	Tens	Ones
2	4	3	9

Step 3. Let's write one below another and add. Start adding from the ones place.

	Thousands	Hundreds	Tens	Ones
		7	2	5
+	2	4	3	9
	3	1	6	4

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ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

A number having place values up to hundreds place is a 3-digit number. Where as a 4-digit number has place values upto thousands place.

Th	H	T	O
	4	7	8
6	3	9	2

ADDITION

ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Addition of 3-digit and a 4-digit number

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

So, the answer is 2 3 1 6

Step-1	**Add the ones – 7 + 9**	**= 16**
Step-2	**Add the tens – 7 + 3**	**= 10 + 1** **= 11**
Step-3	**Add the hundreds- 4 + 8**	**= 12 + 1** **= 13**
Step-4	**Add the thousands- 1 + 1 = 2**	

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ADDITION

ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Exercise-3 C
(1 to 8)
bk. pg. 47
in notebook.
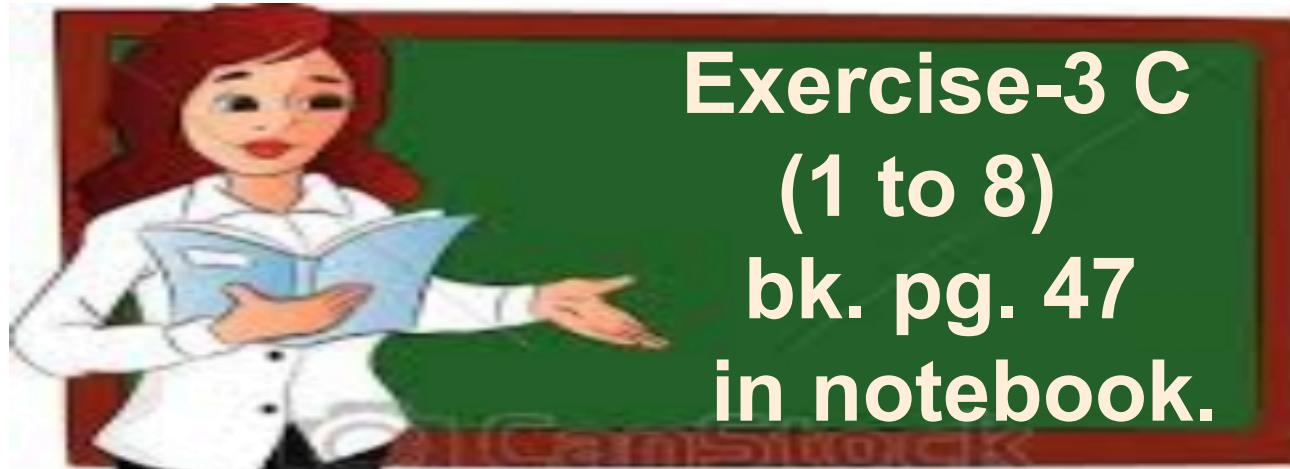
ADDITION
ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Add the following numbers:

1

Th	H	T	O
1	1	1	
4	6	9	2
+	3	4	8
5	0	4	0

2

Th	H	T	O
1		1	
5	9	0	4
+	8	2	9
6	7	3	3

3

Th	H	T	O
1	1	1	
7	5	5	5
+	7	8	5
8	3	4	0

4

Th	H	T	O
1	1	1	
6	8	9	1
+	2	7	9
7	1	7	0

ADDITION
ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

5

Th	H	T	O
1		1	
3	7	5	6
+	3	2	6
4	0	8	2

6

Th	H	T	O
1			
8	4	3	1
+	7	1	8
9	1	4	9

7

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

8

Th	H	T	O
1	1	1	
2	9	9	9
+	6	8	2
3	6	8	1

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ADDITION

ADDITION OF A 3-DIGIT NUMBER AND A 4-DIGIT NUMBER

Class Work :
Exercise-3 C (1 to 8)   in notebook.

Home Work :
Complete Exercise-3 C (9 to 15) in notebook.
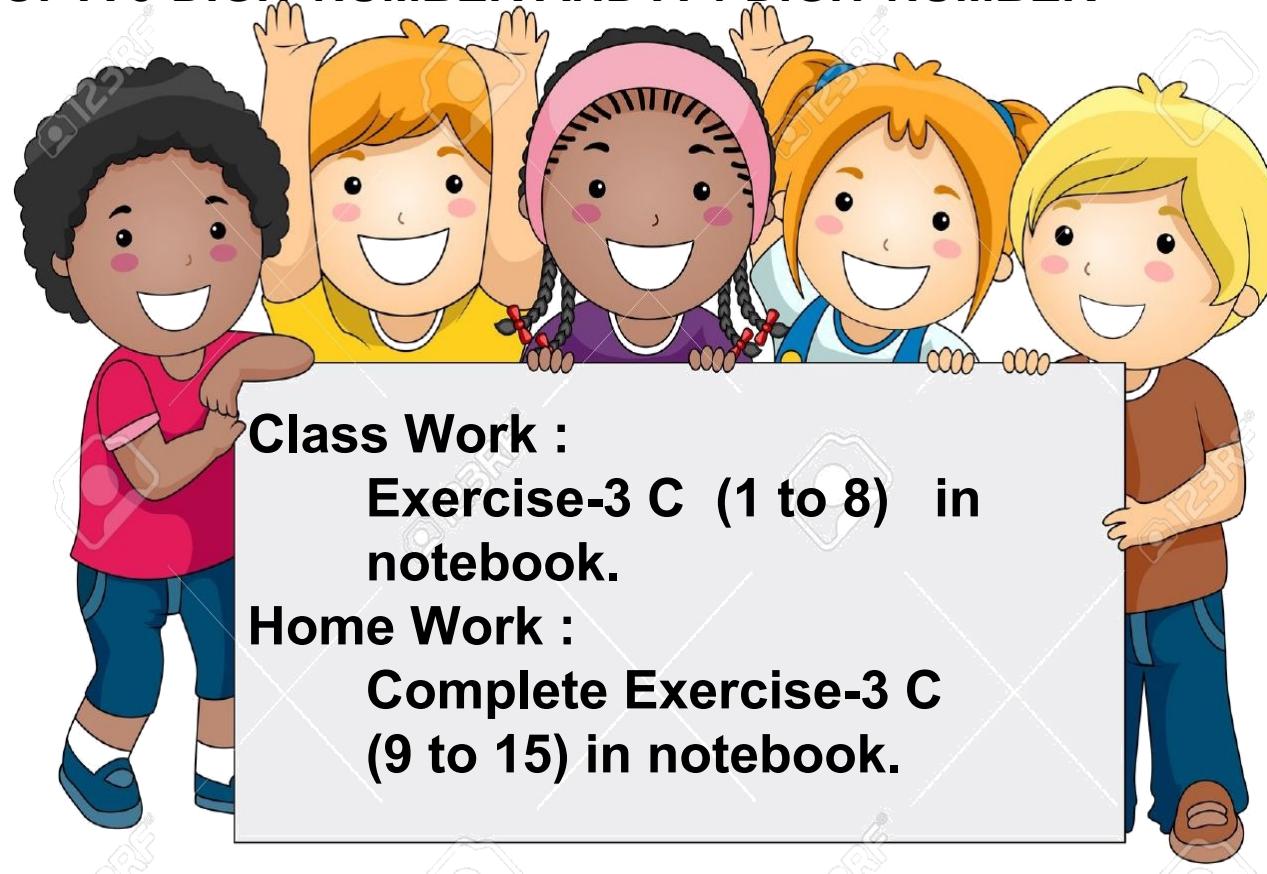
LEARNING OUTCOME:

Children are confident of developing conceptual understanding, explain and model personal strategies for adding 3-digit number with a 4-digit number with carry over, write two different digit numbers in correct place then add and use the method of addition in day to day life.

THANKING YOU
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