

SESSION : 3

CLASS : 3

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 3

CHAPTER NAME : ADDITION

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

CHANGING YOUR TOMORROW

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**

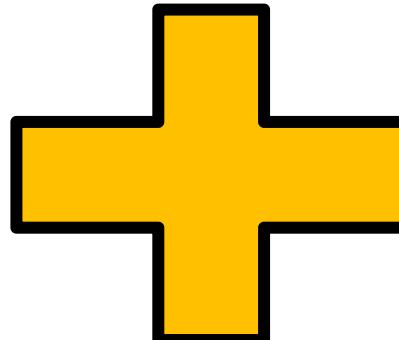
ADDITION

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:



ADDITION

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

9

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

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

ADDITION

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	9
3	1	6	4

ADDITION

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. Whereas 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

So, the answer is **2 3 1 6**

Th	H	T	O
1	1	1	
	4	7	7
+1	8	3	9
	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- $1 + 1 = 2$

ADDITION

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



ADDITION

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

Add the following numbers:

1

$$\begin{array}{r} \text{Th} \ \text{H} \ \text{T} \ \text{O} \\ 1 \ \ \ 1 \ \ \ 1 \\ 4 \ \ 6 \ \ 9 \ \ 2 \\ + \ \ 3 \ \ 4 \ \ 8 \\ \hline 5 \ \ 0 \ \ 4 \ \ 0 \end{array}$$

2

$$\begin{array}{r} \text{Th} \ \text{H} \ \text{T} \ \text{O} \\ 1 \ \ \ \ \ \ 1 \\ 5 \ \ 9 \ \ 0 \ \ 4 \\ + \ \ 8 \ \ 2 \ \ 9 \\ \hline 6 \ \ 7 \ \ 3 \ \ 3 \end{array}$$

3

$$\begin{array}{r} \text{Th} \ \text{H} \ \text{T} \ \text{O} \\ 1 \ \ \ 1 \ \ \ 1 \\ 7 \ \ 5 \ \ 5 \ \ 5 \\ + \ \ 7 \ \ 8 \ \ 5 \\ \hline 8 \ \ 3 \ \ 4 \ \ 0 \end{array}$$

4

$$\begin{array}{r} \text{Th} \ \text{H} \ \text{T} \ \text{O} \\ 1 \ \ \ 1 \ \ \ 1 \\ 6 \ \ 8 \ \ 9 \ \ 1 \\ + \ \ 2 \ \ 7 \ \ 9 \\ \hline 7 \ \ 1 \ \ 7 \ \ 0 \end{array}$$

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	1
---	---	---	---

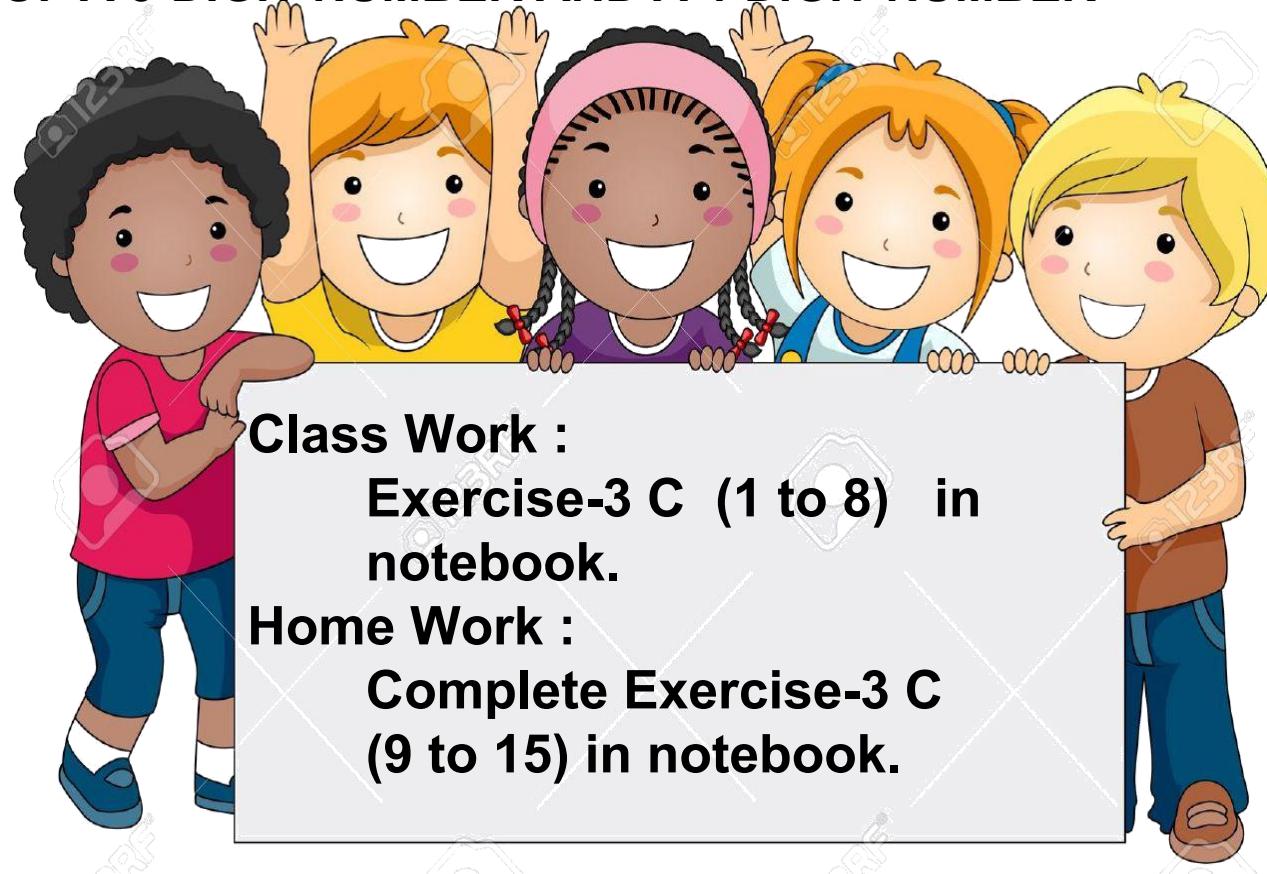
2	9	9	9
---	---	---	---

+	6	8	2
---	---	---	---

3	6	8	1
---	---	---	---

ADDITION

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



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
ODM EDUCATIONAL
GROUP