EVERWIN VIDHYASHRAM

STD: IV

MATHS

Addition

<u>TEACHERS RESOURCE</u>: The Way of putting things together is called addition.

We use + symbol to add the given numbers.

Eg: 5+3=8

Here, the numbers that get added are called addends. The answer that we get on adding those two numbers are called sum.

$$5 + 3 = 8 \rightarrow (sum)$$

addends

Key words of addition.

- Add
- Sum
- Plus
- Increased
- Total
- More than
- Altogether
- All

The number can be added in any order, the sum remains the same.

Eg.
$$26 + 42 = 42 + 26 = 68$$
, $4 + 3 + 2 = (2 + 3) + 4$

CLASS WORK

- 1. Write in columns and find the sum.
- 1.3873 + 2731

	1	1	1			
	7	7	4	5		
	1	8	5	5		
+	9	6	0	0		
Ans. 6604						

2.1005 + 271 + 3413

	Th	Н	T	О
	1	0	0	5
		2	7	1
	3	4	1	3
+	4	6	8	9

Ans. 4689

3.812 + 711 + 8946

Th	Н	T	О
	8	1	2
2	7	1	1
2 8	9	4	6
10	4	6	9

Ans. 10469

- II. Add Horizontally:
- 1.783 + 4212

STEP-4

TH H T O

$$2.8914 + 1289$$

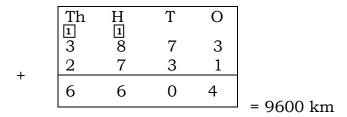
$$1.783 + 4212$$

Solve these word problem:

1. A train ran 7745 km. Another train ran 1855 km more than the first train. How many km did the other train run?
Sol. Distance covered by first train - 7745

Distance covered by another train more than first – 1855

Distance covered by another train =?



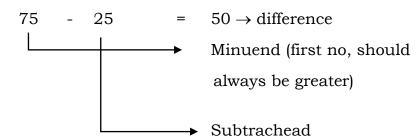
2. There are 3895 men, 2927 women and 2409 children in a village. Find the total population of the village.

			2	1	2	
Sol. No. of Men in a village	_		3	8	9	5
No. of women in a village	-		2	9	2	7
No. of children in a village	-	+	2	4	0	9
Total No. of Population of the village	_		9	2	3	1

SUBTRACTION

Teacher Resource

- Subtraction is the opposite operation of addition.
- When you subtract, you take the value of the smaller number from the value of larger one



The answer in subtraction is called difference.

Key words for subtractions: 86 from 94

- Left over
- Spent
- How much should be added
- Less than
- Before
- Difference
- How much more
- Remaining
- Subtract

CLASS WORK

1. Subtract: 846 from 1000

	Á	,0	Ø 4	Ø	
-)		3	5	4	

Ans. 354

2. 1496 from 2504

Ans. 1008

Word Problem

1. Raju had ₹ 78.15 with him. If he buys a notebook costs ₹ 46. 25. Find the amount left with him.

The Amount left with him = 31.90

2. The population of a city 4,75,173. If the No. of males are 2,58,745. Find the No. of females in the city. $_{6\ 14\ 11\ 6\ 13}$

Sol. Total No. of population in the city
$$= 4 7 5 1 7 3$$
No. of males in the city
$$= -2 5 8 7 4 5$$
No. of females in the city
$$= 2 1 6 4 2 8$$