



# STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

## TELANGANA, HYDERABAD.

**ACADEMIC YEAR 2020-21**

**Class:** 5

**Medium:** English

**Subject:** Mathematics

**Name of the chapter:** Bigger Numbers

**Topic/ concept:** Addition

### I. Learning out comes:

- Able to solve the problems of additions.
- Able to solve word problems related to additions

### II. Conceptual understanding/Activity/Model Problem:

- How many digit numbers have you used to solve the addition problems?
- Do you know? What places have four-digit numbers?
- Let us know how to solve the addition problems of the four-digit numbers with the previous knowledge in additions.

1.  $5437 + 2726 = ?$

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

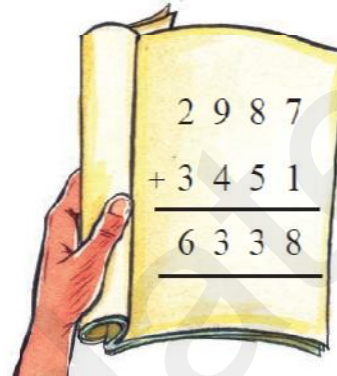
- Arrange the numerals based on their place values.
- Add first once place digits 6 and 7,  
7 Ones + 6 Ones = 13 Ones. Write 1 ten in the tens place and 3 ones in once place.  
That means 13 Ones = 1 Tens + 3 Ones.
- Now add tens place digits 3 and 2,  
3 Tens + 2 Tens = 5 Tens and write 5 Tens in the tens place
- Now add hundreds place digits 4 and 7,  
4 Hundreds + 7 Hundreds = 11 Hundreds.  
Write 1 Thousand in the Thousand place and 1 Hundreds in the hundreds place.  
That means 11 hundreds = 1 Thousands + 1 Hundreds.
- Finally add thousands place digits,  
5 thousands + 2 Thousands + 1Thousands = 8 thousands

2. Do you identify general errors in additions? For this you can see the addition of bigger numbers in the page number 8 of your 5th class mathematics textbook.

John did it like this


$$\begin{array}{r} 1 \quad 1 \\ 2987 \\ + 3451 \\ \hline 6438 \end{array}$$

Karuna did it like this


$$\begin{array}{r} 2987 \\ + 3451 \\ \hline 6338 \end{array}$$

- \* Who made correct addition from the above two? (John)
- \* Who made incorrect addition from the above two? (Karuna)

**Note:** Karuna has forgot to carry 1 hundred to hundreds place after adding the tens place digits.

3. The population details of some villages in Warangal urban district are as follows.

Village	Male	Female	Total
Dharmasagar	4569	4632	
Chinna	3271	3262	
Hasanparthy	2584	2590	
Shayampet	1524	1582	

❖ Find the total population of each village and complete the above table.

A. The total population of Dharmasagar village should be calculated as follows.

No. of male population in Dharmasagar village = 4569

No. of women population in Dharmasagar village = 4632

Total population of Dharmasagar village = 4569 + 4632

Total population of Dharmasagar village = 9201

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

**Instruction:** In the same way find the total population of the remaining villages and complete the table.

### III. Worksheet:

1. Add the following.

A. 5463 + 576

Th	H	T	O
5	4	6	3
+	5	7	6

B. 8404 + 850

Th	H	T	O
8	4	0	4
+	8	5	0

C. 7256 + 2806

Th	H	T	O
7	2	5	6
+	2	8	0 6

D. 3534 + 2087

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

E. 2806 + 3595

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

F. 4072 + 4829

Th	H	T	O
4	0	7	2
+	4	8	2 9

**2. Do the following auditions.**

A.  $7296+2547=?$

D.  $2586+548=?$

B.  $3604+2570=?$

E.  $947+2200=?$

C.  $290+3540=?$

F.  $5013+4040=?$

**3. 3574 male population, 3592 female population and 753 children lives in**

**a village. What is the total population of that village?**

	Th	H	T	O
No. Of male population in the village = 3574	3	5	7	4
No. of females population in the village= 3592	3	5	9	2
No. of Children in the village = 753	+	7	5	3

Total population of the village =  $3574 + 3592 + 753$

Total population of the village = \_\_\_\_\_.

**4. Rajesh went to the market to buy the objects for his house hold needs and found that their prices were as follows.**

Object	Price
Gas stove	₹8950
T.V	₹7400
Almirah	₹5250

**A. How much should Rajesh pay to the shopkeeper if he buys all the three items?**

		Th	H	T	O
Gas stove price	=	8	9	5	0
T.V price	=	7	4	0	0
Almirah price	=	+	5	2	5
Total					

Rajesh should pay to shopkeeper for all the three items = ₹\_\_\_\_\_.

**B. If Rajesh just bought a Gas stove and Almirah. How much should Rajesh pay to the shopkeeper?**

		Th	H	T	O
Gas stove price	=				
Almirah price	=	8	9	5	0
Total	+	5	2	5	0

Rajesh should paid the amount to shopkeeper = Rs.\_\_\_\_\_.

5. Rajaih earns monthly Rs.7520 and his wife earns Rs.5630. How much will both earn in that month?
6. What is the sum of the numbers 4236 and 3827?
7. How many total seats are available in that stadium after allotted 3456 seats for men and 3572 seats for women?
8. Somaiah earns Rs.1220 on Monday, Rs.970 on Tuesday and Rs.1050 on Wednesday. What is the sum that he earn in three days?
9. Mahes has Rs.3426 and his mother gave Rs.Rs.additionally. What is the total amount Mahesh has now?
10. 2436 k.g of Rice, 1536 k.g of Bengal gram and 1204 k.g of wheat are stored in a godon. What is the total grain stored in the godon at present?

**Instructions:**

- For more practice solve the problems in page number 10 and15 of the 5th Class Mathematics textbook.
- Prepare some more problems and discuss with your friends.

**IV. What I have learnt:**

1. I can solve the problems of the additions.

I can do

I can't do

2. I can solve real life problems related to additions.

I can do

I can't do