



# 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:** Subtraction

## I. Learning out comes:

- Able to solve subtraction problems
- Able to solve subtractions in real life situations.

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

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

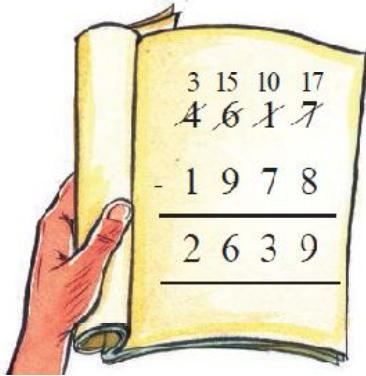
1.  $4236 - 2861 = ?$

Th	H	T	O
3	11	13	
4	<del>2</del>	3	6
-	2	8	6
	1	3	7
	1	3	7
	3	7	5

- Arrange the numerals based on their place values.
- Subtract once place digits, 1 from 6, 6 Ones - 1 Ones = 5 Ones. Write 5 ones in the ones Place.
- Subtracting tens place digits, 6 tens can't be subtracted from 3 tens. So, barrow one hundred from hundreds place and convert it into 10 tens then add it to 3 tens. 13 Tens - 6 Tens = 7 Tens. Write 7 Tens in the Tens place.
- Now subtract hundreds place digits, 8 hundreds can't be subtracted from 2 hundreds. So, barrow one thousand from thousands place and convert it into 10 hundreds then add it to 2 hundreds. 11 Hundreds - 8 Hundreds = 3 Hundreds. Write 3 Hundreds in the Hundreds place.
- Finally subtract thousand's place digits, 3 thousands - 2 Thousands = 1 Thousands.

2. Do you identify general errors in subtractions? For this you can see the addition of bigger numbers in the page number 9 of your 5th class mathematics textbook.

Pooja did it like this-



Vamshi did it like this-



- ❖ Who made correct subtraction from the above two? (Pooja)
- ❖ Who made incorrect subtraction from the above two? (Vamshi)

**Instruction:** Vamshi forgot to decrease 1 from thousand's digit after completing subtraction in thousands place.

3. Mallaiah earns ₹8450 per month and his monthly expenditure is ₹6840.

What is the monthly savings of Mallaiah?

Monthly earnings of Mallaiah = Rs.8450

Monthly expenditures of Mallaiah = Rs.6840

Monthly savings of Mallaiah = 8450 - 6840

Th	H	T	O
7	14		
8	4	5	0
-	6	8	4
	1	6	1
		0	0

Mallaiah saves monthly = Rs.1610.

III. Worksheet:

1. Do the following subtractions.

A.  $8463 - 2514$

	Th	H	T	O
	8	4	6	3
-	2	5	1	4
<hr/>				
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B.  $7036 - 2049 = ?$

	Th	H	T	O
	7	0	3	6
-	2	0	4	9
<hr/>				
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C.  $9280 - 396 = ?$

	Th	H	T	O
	9	2	8	0
-		3	9	6
<hr/>				
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D.  $3946 - 1825 = ?$

	Th	H	T	O
	3	9	4	6
-	1	8	2	5
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E.  $4777 + 284 = ?$

	Th	H	T	O
	4	7	7	7
-		2	8	4
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F.  $6072 - 4829 = ?$

	Th	H	T	O
	6	0	7	2
-	4	8	2	9
<hr/>				
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2. Subtract the following.

A.  $8764 - 3281 = ?$

D.  $2074 - 1550 = ?$

B.  $5439 - 2524 = ?$

E.  $9008 - 707 = ?$

C.  $6530 - 2536 = ?$

F.  $5013 - 4040 = ?$

3. **Raju went to market with Rs.9000 and bought a bicycle for Rs.4700. How many rupees are left with him?**

Raju have = Rs.9000

Cycle price = Rs.4700

**Th H T O**

Remaining rupees at Raju = 9000 - 4700

Remaining rupees at Raju = Rs. \_\_\_\_\_ . - \_\_\_\_\_  
\_\_\_\_\_

4. What is the difference between the number of men and women in the village, where the number of men is 2595 and the number of women is 2482?
5. A bed costs Rs.2950 and Almirah costs Rs.4080. Which item is priced high?  
How much more?
6. What is the difference between the largest four-digit number and the smallest three-digit number?
7. How much is added to 3250 to get 6500?

8. 1242 students are attended out of 1536 to the school on a day. How many students are absent on that day to school?
9. 2546 trees are there in a garden. On one day 956 trees were fall due to storm?  
How many trees were left in the garden?
10. How much is 2570 less than 8450?

**Instructions:**

- For more practice solve the problems in page number s 14, 15 and 1
- Prepare some more problems and discuss with your friends.

**IV. What I have learnt:**

**1. I can solve the problems of subtractions.**

I can do

I can't do

**2. I can solve real life problems related to subtraction.**

I can do

I can't do