



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: Relationship between addition and subtractions

I. Learning out comes:

- Able to solve word problems related to the concepts of addition and subtractions.
- Able to guess answers without solving problems related to addition and subtraction.

II. Conceptual understanding/Activity/Model Problem:

- You have learned so far, solving addition problems and subtraction problems.
- How to use the above concepts in solving two operational problems with concepts of addition and subtraction.
- Let us learn how to guess answers without solving addition and subtraction.

1. Mahesh went to the market to buy the goods for his home and observe the price table as follows.

Object	Price
Cooler	Rs.6450
Bed	Rs.4090
Rice cooker	Rs.1530

A. If Mahesh bought all the three items and gave Rs.13000 to the shopkeeper. How much will the shopkeeper return to Mahesh?

Cooler Price = Rs.6450

Bed price = Rs.4090

Rice cooker price = Rs.1530

Total price of the objects =

Cooler Price + Bed price + Rice cooker price

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

Total price of the three items = Rs.12070

Mahesh paid to shopkeeper = Rs.13000

Total price of the three items = Rs.12070

Shopkeeper returned to Mahesh =

Rs.13000 - Rs.12070

T. Th	Th	H	T	O
		9		
	2	10	10	
	1	3	0	0
-	1	2	0	7
		0	9	3
			0	0

Shopkeeper returned to Mahesh = Rs.930

2. Roja went to the market with Rs.4206 and spent Rs.2812? About how much money is left? Encircle the nearest of the following.

Rs.2000

Rs.3000



Rs.1000

Roja have =Rs. 4206

Rounding thousand of the number 4206 is = Rs.4000

Roja spent on = Rs.2812

Rounding thousand of the number 2812 is = Rs.3000

Remaining rupees = 4000 – 3000 = 1000

About remaining money = Rs.1000

Instructions: For more practice solve the problems in page number 10 of the 5th Class Mathematics textbook.

III. Worksheet:

1. Srinu earns monthly Rs.8650 and his wife earns Rs.7450. If they spend Rs.13425 monthly. How much do they save monthly?

		Th	H	T	O
Srinu monthly earnings = Rs.					
Srinu's wife monthly earnings = Rs.					
Total earnings = _____.	+				
Monthly earnings of both = Rs.					

		Th	H	T	O
Monthly earnings = Rs.					
Monthly expenditures = Rs.					
Monthly savings = _____.	-				
Their monthly savings= Rs. _____.					

2. The total population of a village is 8026 and the male population is 3520 and female population is 3534. What is the population of children in that village?
3. The Indian cricket team has played 5425 one-day cricket matches. If they won 2804 and 302 matches were tied by rain. How many matches has lost India?
4. Sampath went to the market with Rs.15,000 and bought a table of Rs.6400 and chairs of Rs.8350, how many rupees would be left at Sampath?
5. Ramya borrowed Rs.5200 from Swathi. Ramya paid Rs.1800 in the first month and Rs.2000 in the second month. How many rupees should he pay to Swathi now?

6. Raju went to the market to buy the goods for his house and found that their prices were as follow.

Object	Price
Fan	Rs.1880
Bed	Rs.3260
Almirah	Rs.5040
Cycle	Rs.3890
Gas stove	Rs.1210

- A. Estimate the total price of the all objects and encircle to the nearest of the following numbers?

Rs.14000

Rs.15000

Rs.16000

- B. Estimate the difference in the prices of bed and gas stove and encircle to the nearest of the following numbers?

Rs.2000

Rs.1000

Rs.3000

- C. Estimate sum of the prices of Almirah and Bed and encircle to the nearest of the following numbers?

Rs.7000

Rs.8000

Rs.9000.

- D. About how much price is more cycle than the price of fan and encircle to the nearest of the following numbers?

Rs.2000

Rs.3000

Rs. 4000

- E. Estimate sum of the prices of Fan, Almirah and Bed and encircle to the nearest of the following numbers?

Rs.8000

Rs. 10000

Rs. 9000.

7. Population of some villages is given below.

Village	Male	Female
Kothapeta	2432	2556
Machchapur	1047	983
Kondapur	3896	4034
Venkatapuram	1894	1905

- A. Find out the total female population of the four villages and encircle to the nearest of the following numbers?

8000 9000 10000

- B. Find out the total male population of the four villages and encircle to the nearest of the following numbers?

8000 9000 10000

- C. Find out the total population of the four villages and encircle to the nearest of the following numbers?

18000 19000 20000

8. Raju went to market with Rs.1225 and spent Rs.800. About how much is left?

(**Instruction:** Rounding thousand of 1225 is 1200)

200 300 400

9. About how much more is 2576 than 2025?

(**Instruction:** Rounding thousand of 2025 is 2000 and 2576 is 2600)

500 600 400

10. Estimate the answers of the following problems and tick the right mark (✓) to the nearest one.

A. Ranga earns Rs.965 in a day. About how much he save after spent Rs.525 on that day?

400

500

600

B. About how much is the sum of 1518 and 2496?

4000

3000

5000

C. About how much are more 4896 than 3006?

1000

2000

3000

D. About how much is less 6096 than 9517?

1000

2000

3000

Instructions:

- Solve the problems in page numbers 11, 12 and 15 in the 5th Class Mathematics textbook for more practice.
- Prepare some more problems and discuss with your friends.

IV. What I have learnt:

1. I can solve problems related to the concepts of addition and subtractions.

I can do

I can't do

2. I can guess the answers of addition and subtractions without solving it.

I can do

I can't do