SNBP International & Senior Secondary School, Chikhali, Pune.
Affiliation No. 1130703
Academic session 2024-25
NOTES – TERM 1
SUBJECT : MATH

Grade – II

Prepared by : Ms. Mohsina.   L. NO 7: Subtracting Numbers up to 999 Using Tools.
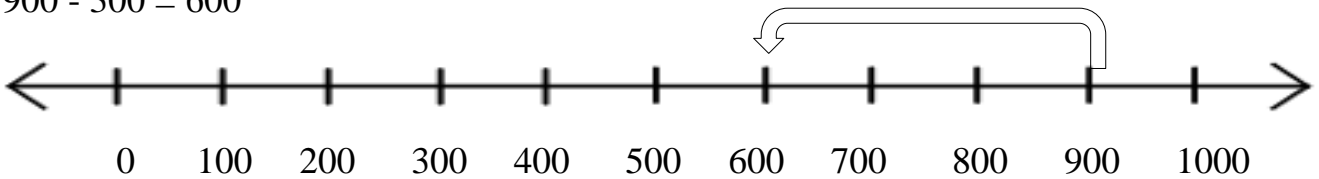
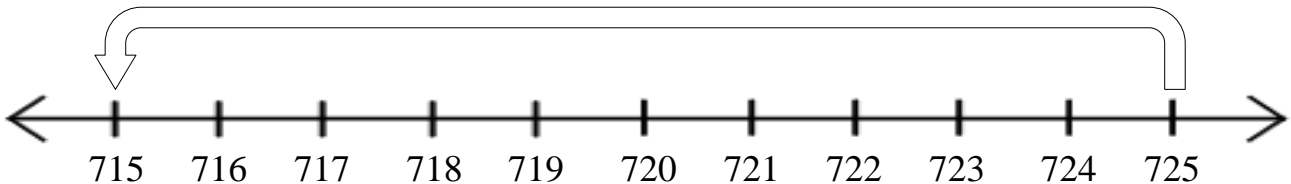Pre-activity :-

Complete Let's Begin. Pg no 169.

I. 7.1 Subtracting numbers up to 999 using number line.

Q. Subtract the following using number line.
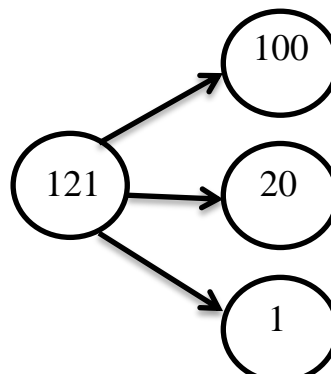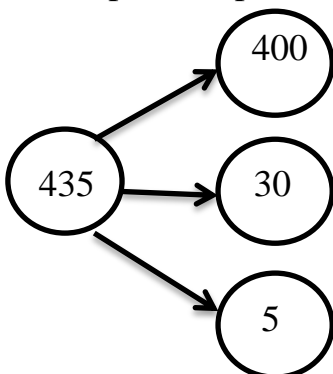
a. 900 - 300 = 600

b. 725 – 10 = 715

II. 7.2 Subtracting Numbers up to 999 using number bonds.

Q. Subtract the numbers using number bonds.

a. 435 – 121 = 314

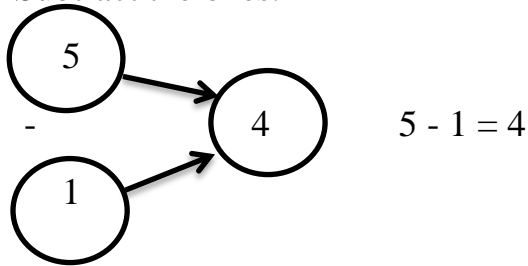Ans – Step 1 – Expand the addends in hundreds, tens and ones.

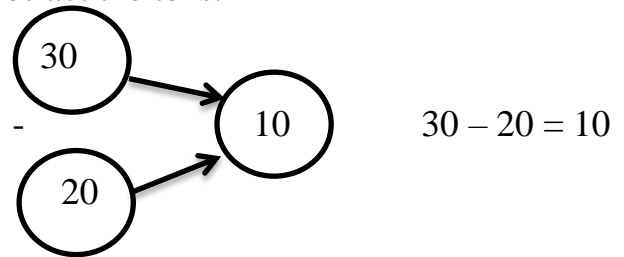$435 = 400 + 30 + 5$ $121 = 100 + 20 + 1$
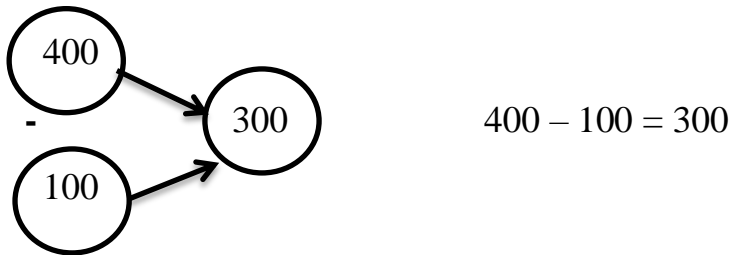
Step 2

Subtract the ones.   Subtract the tens.

5

-          4 $5 - 1 = 4$ -   10 $30 - 20 = 10$

1   20

          30

Subtract the hundreds.

400

-          300 $400 - 100 = 300$

100

Step 3 – Add all the hundreds, tens and ones together.

300

+

10   314

+

4
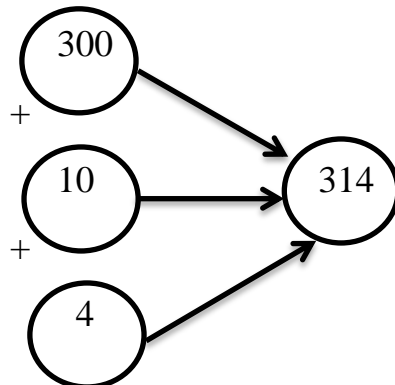
$300 + 10 + 4 = \underline{314}$

*Practice sums – CW/HW

Q. Solve using number bonds.

a. 387 – 145 = _____

b. 475 – 134 = _____

c. 687 – 236 = _____

* The number to be subtracted from another is called subtrahend.

* The number from which another number is subtracted is minuend.

* A difference is the result of subtraction.

	H	T	O
	4	3	5
-	1	2	1
	3	1	4

→ Minuend
→ Subtrahend
→ Difference

*If we subtract 0 from any number, we get the number itself.

Ex - 598 – 0 = <u>598</u>.

*If we subtract 1 from any number, we get the previous number to it. It is called predecessor.

Ex – 1000 – 1 = <u>999</u>

Q. Solve vertically.

	H	T	O
	5	3	8
-	3	2	6
	2	1	2

	H	T	O
	9	5	2
-	8	2	2
	1	3	0

	H	T	O
	6	1	8
-	3	0	2
	3	1	6

	H	T	O
	8	7	9
-	1	5	5
	7	2	4

III. 7.3 Vertical Subtraction Numbers up to 999. (With borrowing)

*Steps to add vertically –

1. Write the subtrahend under the minuend.

2. Subtract the ones. (Regroup)

3. Subtract the tens. (Regroup)

4. Subtract the hundreds.

Q. Subtract vertically.

	H	T	O
		6	10
	6	~~7~~	~~0~~
-	2	6	4
	4	0	6

H	T	O
	9	
	~~10~~	10
8	~~0~~	~~0~~
- 2	2	1
6	7	9

H	T	O
	15	
8	~~5~~	15
~~9~~	~~6~~	~~5~~
- 5	7	6
3	8	9

	H	T	O
		3	14
	8	~~4~~	~~4~~
-	3	1	9
	5	2	5

IV. 7.4 Number stories involving addition and subtraction using Bar model.

Q. Draw bar models and work out the given number stories.

1. There are 680 people were there in a banquet hall. 465 people went out. How many people were there in a hall now?
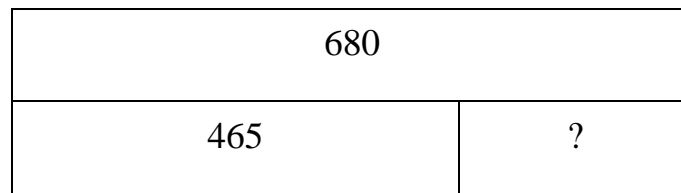
Ans –

Given – Total number of people= 680

       Total number of went out people = 465

What is asked = Number of left people.

Bar model -

	H	T	O
		7	10
	6	8̸	0̸
-	4	6	5
	2	1	5

680	
465	?

Operation = Subtraction

Number sentence = 680 – 465 = 215

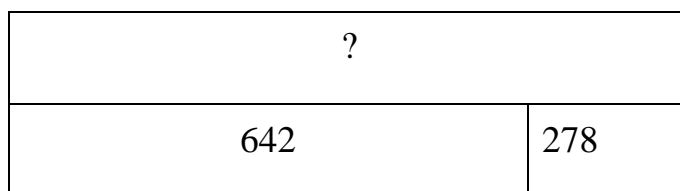2. A store has 642 shirts and 278 pants. How many shirts and pants does it have altogether?

Ans –

Given – Number of shirts = 642

       Number of pants = 278

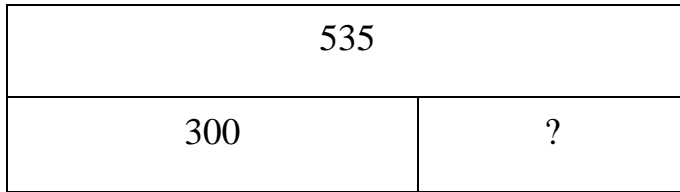What is asked = Total number of shirts and pants.

Bar model -

	H	T	O
	1	1	
	6	4	2
+	2	7	8
	9	2	0

?	
642	278

Operation = Addition

Number sentence = 642 + 278 = 920

Q. Look at the bar model representations, and work out the number sentences.

a.

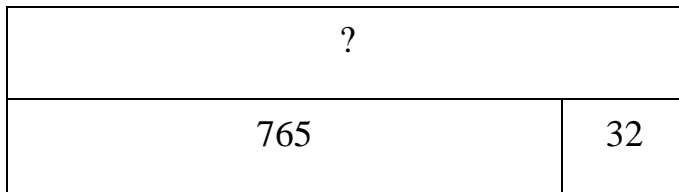| 535	
300	?

	H	T	O
	5	3	5
-	3	0	0
	2	3	5

Ans – <u>535 – 300 = 235</u>

b.

?	
765	32

	H	T	O
	7	6	5
+		3	2
	7	9	7

Ans – <u>765 + 32 = 797</u>

*Post Activity:-

Complete Blooming Questions of pg no 183 and 184.

Subject Tr's. Sign   HOD's Sign   Co-ordinator's Sign   Principal's Sign