

**Let's pave the way for learning and  
Move Forward**

**Standard - 3  
Mathematics**



**State Council of Educational Research and Training (SCERT), Kerala  
2022**

Dear students,

The evaluation of the answer scripts of the First Terminal Examination 2022 and the classroom experiences shared by the teachers concerned, have brought to light the fact that our children have suffered some serious learning gap due to the non-availability of proper learning experiences as a result of the unprecedented situation created by the Covid Pandemic from 2019 to 2022. An activity book has been designed to assist children internalize the concepts which they ought to have mastered in the previous classes and with the intention to facilitate further learning. Necessary explanations and activities are included in the booklet to help children bridge the gap. It is hoped that this package will facilitate the learners for self-study or for studying with the help of their teachers and I wish them success in their endeavors to move forward with confidence.

**Director**  
SCERT, Kerala



# 1. Hundred and above - 1

■ Let's write

$10 + 10 + 9$	=	<input type="text" value="29"/>	=	<input type="text" value="Twenty nine"/>
$10 + 10 + 10 + 10 + 4$	=	<input type="text" value="44"/>	=	<input type="text"/>
$10 + 10 + 10 + 1$	=	<input type="text"/>	=	<input type="text"/>
-----	=	<input type="text" value="14"/>	=	<input type="text"/>
-----	=	<input type="text"/>	=	<input type="text" value="Ninety"/>
-----	=	<input type="text"/>	=	<input type="text"/>

## Hundred and above - 2

■ Let's colour

Give same colour to the numbers and their names.

385      710

Four hundred      Nine hundred thirty seven      Three hundred eighty five

400      506

Seven hundred ten      Five hundred six      937

### Hundred and above - 3

■ Read and Write

608 -

916 -

135 -

427 -

220 -

399 -

Eight hundred

Nine hundred ninety

Five hundred ten

One hundred eight

Three hundred fifty

### Hundred and above - 4

■ Make three digit numbers using the digits 4, 3, 7 without repeating the digits.

437

473

347

374

743

734

437 = Four hundred thirty seven. Write the numbers given below like this.

473 -

347 -

374 -

743 -

734 -

- Write three digit numbers using the digit 8, 2, 6 without repeating the digits.

**Write these numbers in words.**

## **Hundred and above - 5**

- **Write three digit numbers using the digits 5, 0, 9 without repeating the digits.**

**Let's read and write these numbers.**

**Write these numbers in ascending order.**

### Hundred and above - 6

- How many three digit numbers can be formed using the digits 4, 5, 9. Let's write...

454            ----

999            ----

599            ----

594            ----

----            ----

----            ----

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### Hundred and above - 7

- The prices of different items obtained on selling in the kids' shop in LPS Pachakkad is as follows. Write them in order.

Monday      -    150

Tuesday     -    179

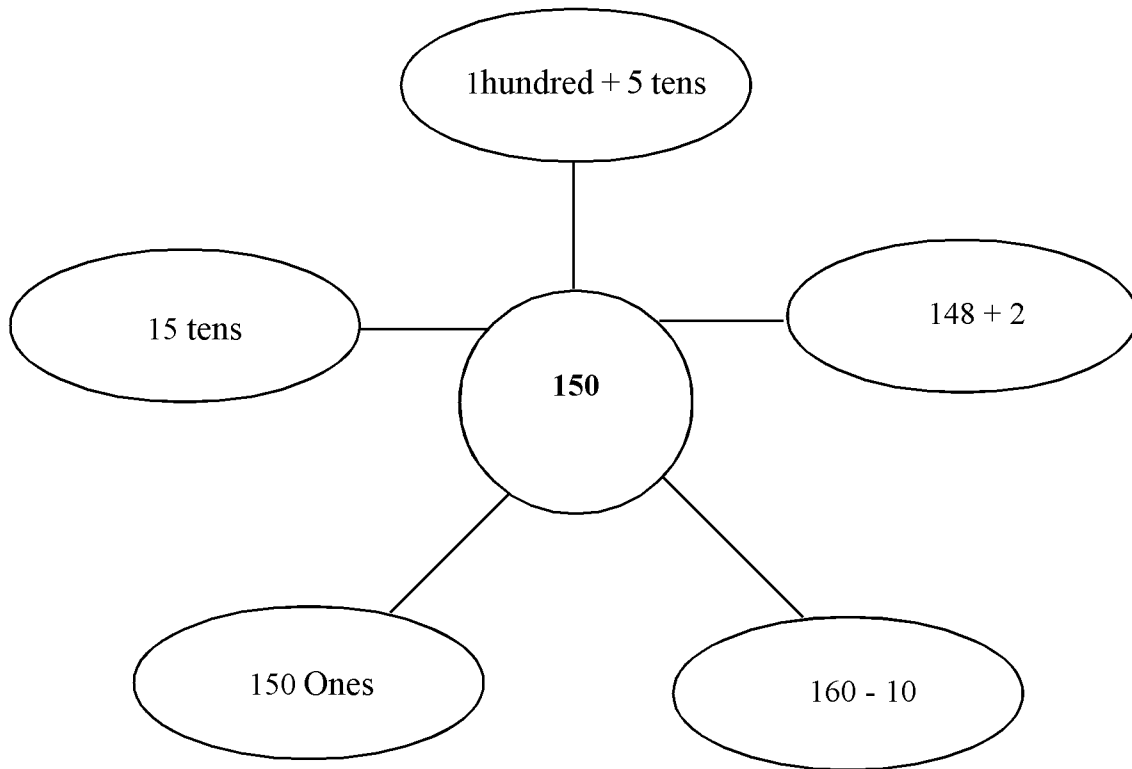
Wednesday -    200

Thursday    -    108

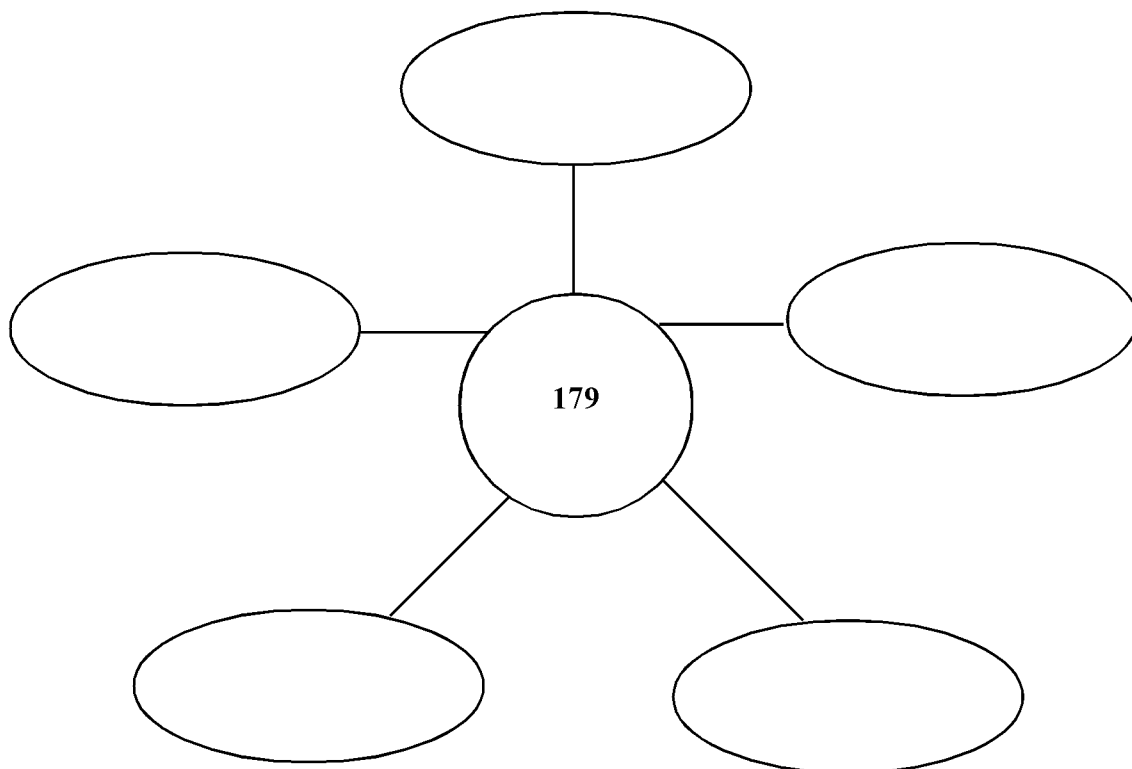
Friday       -    365

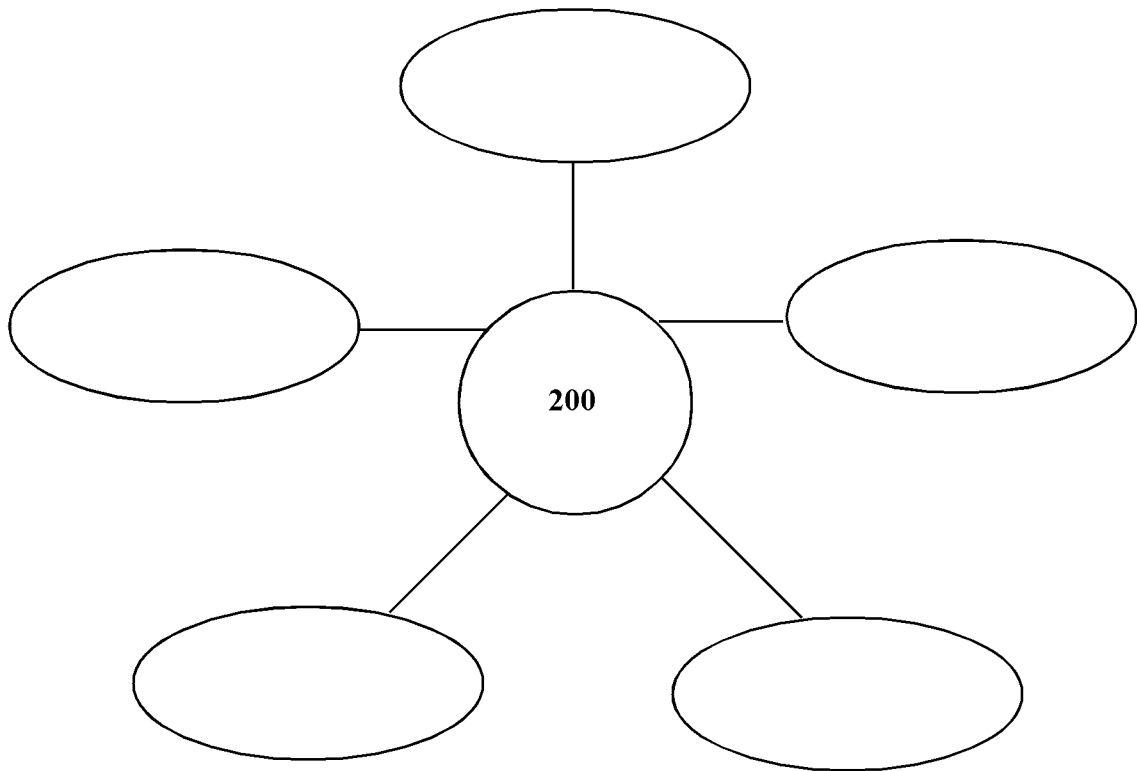
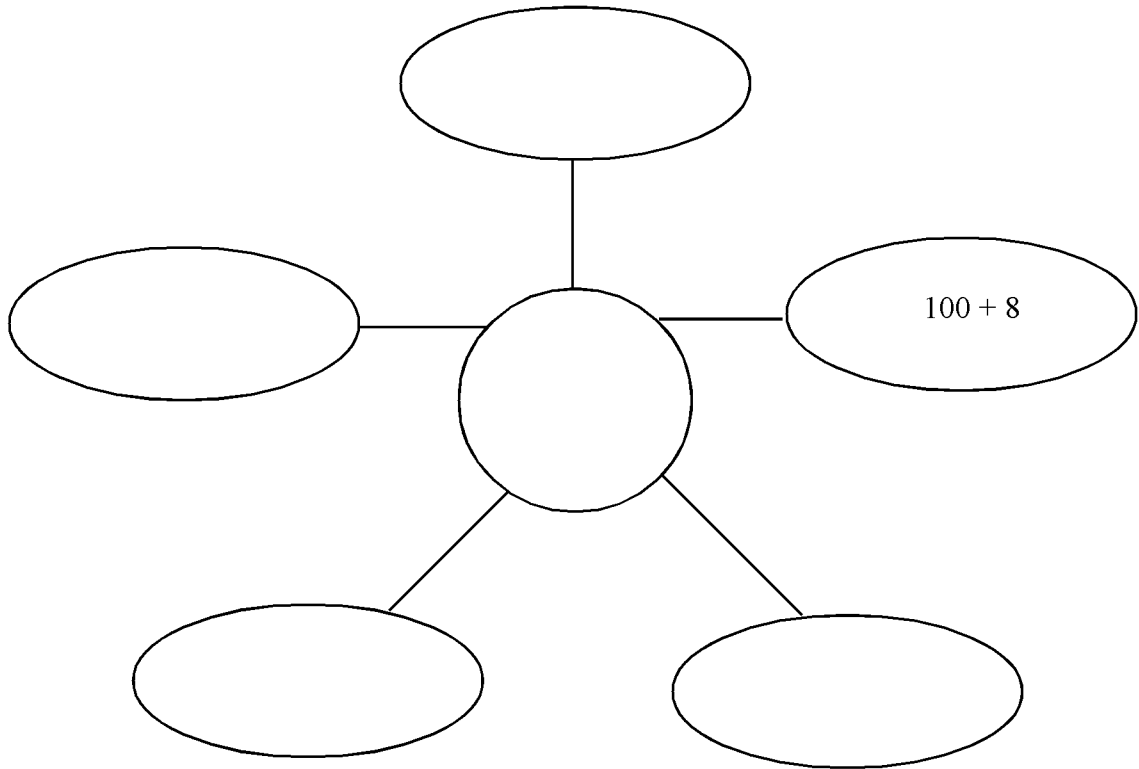


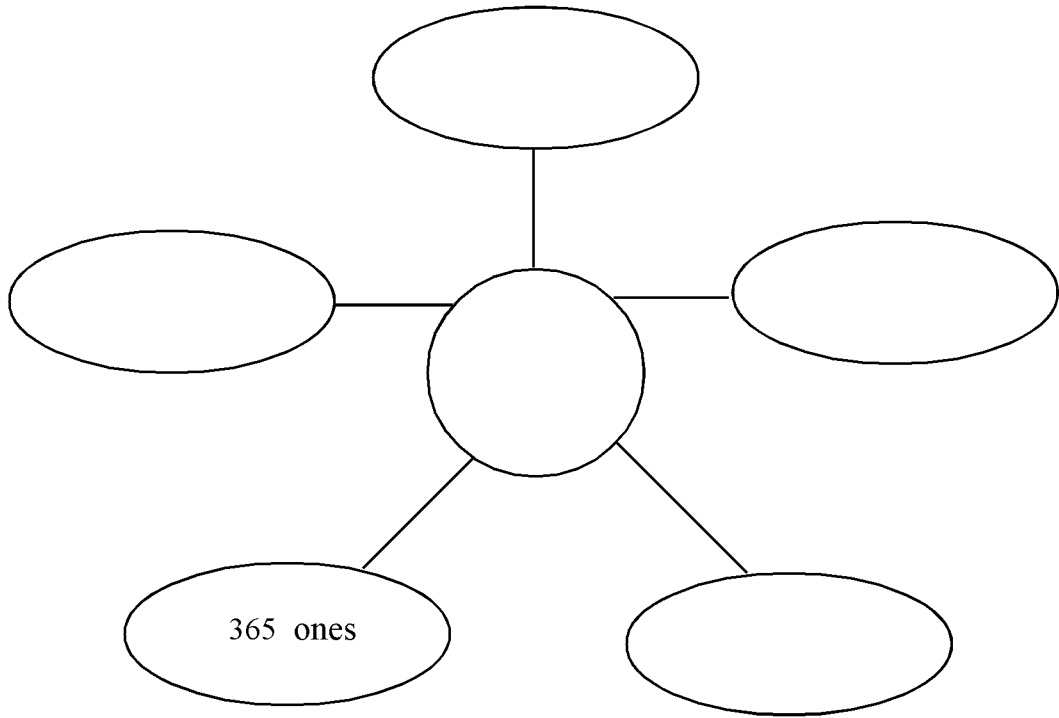
The amount obtained on Monday is written in different ways



Can you write the amount obtained on other days like this?







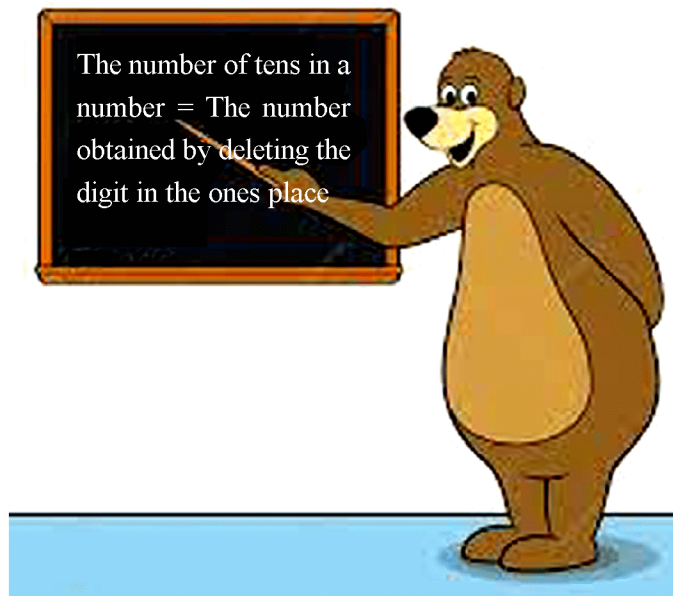
## Hundred and above - 8

### Play of Tens

Play using cards with three digit numbers. The point of each player is number of tens in the number obtained.

The points obtained for Neethu and his friends are given below. Complete the table.

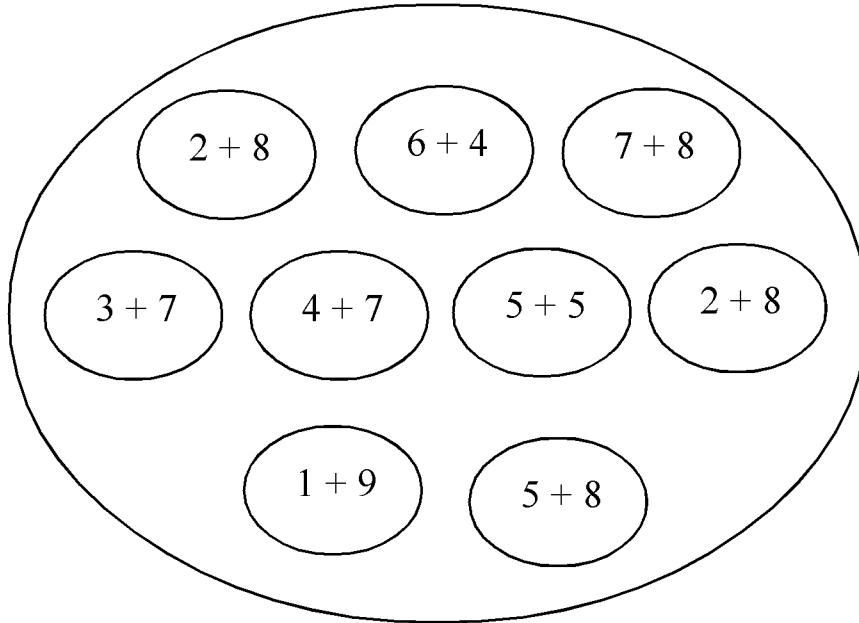
Name	Number Obtained	Number of Tens	Points
Neethu	768	76	76
Basheer	99	-----	-----
Ancy	408	-----	-----
Anoop	___4	35	-----
Aamina	646	-----	-----
Ebin	___	-----	46



Play this game with your friends.

## 2. We can Add - 1

- Let's find the friends of 10.



- ◆ Who are the friends? Let's write .....

$1 + 9$

$2 + 8$

-----

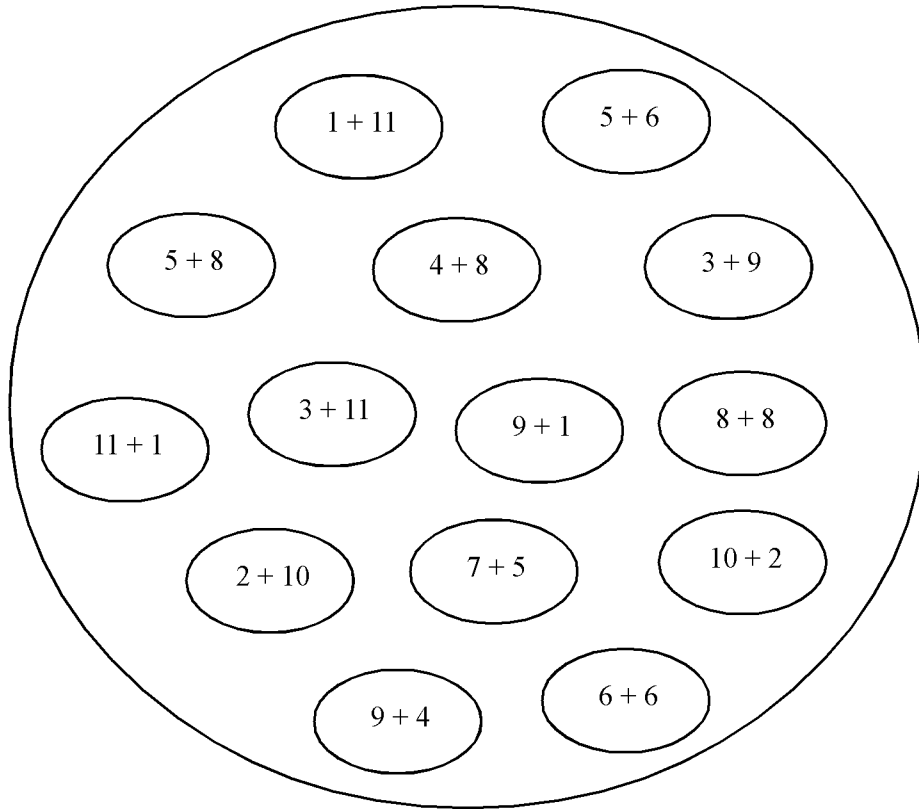
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## We can Add - 2

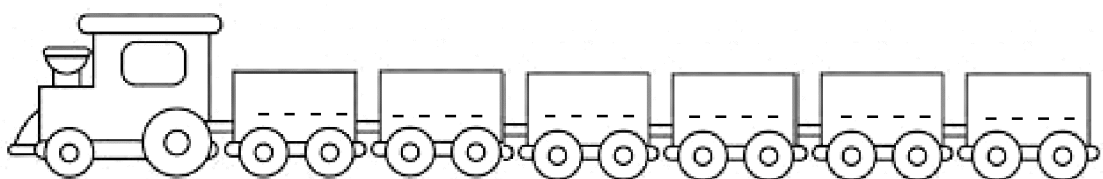
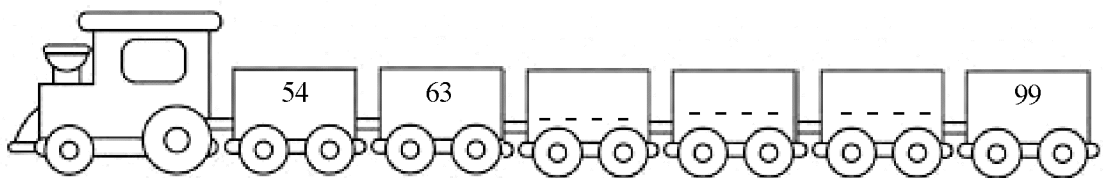
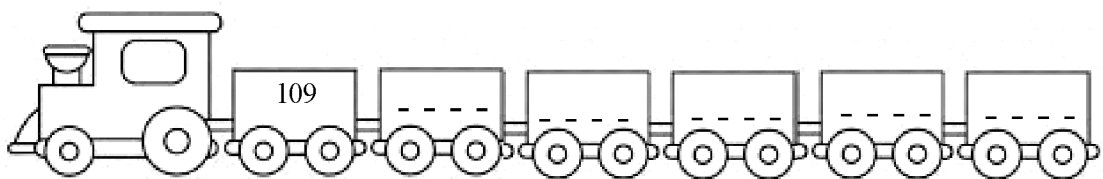
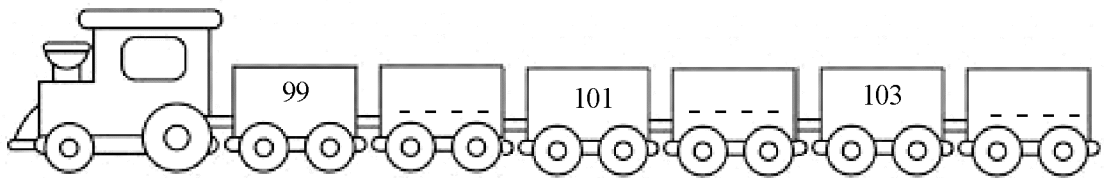
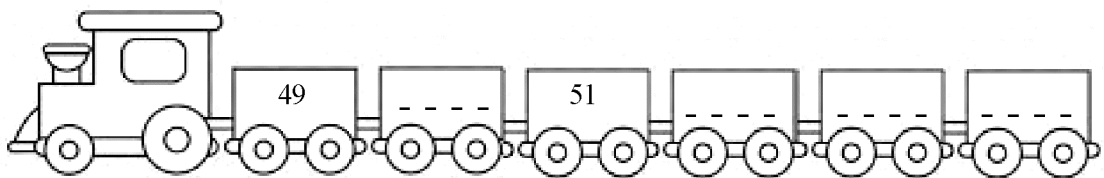
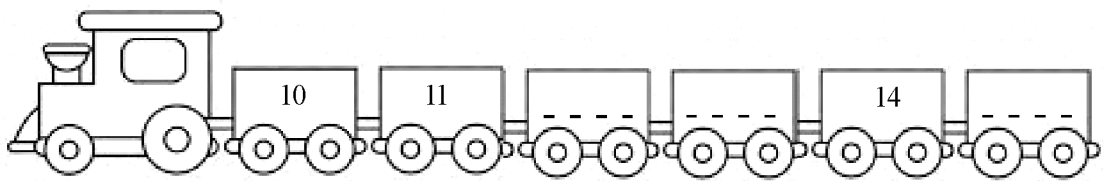
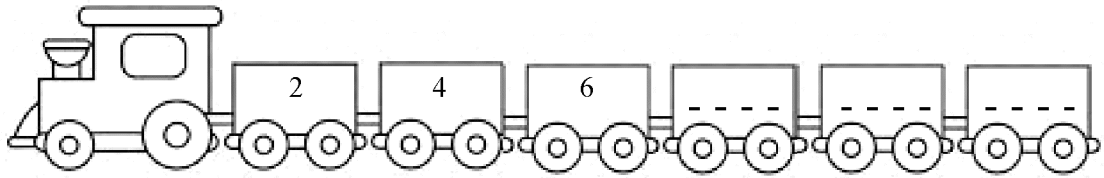
- Lets find the friends of 12 and colour them.



## We can Add - 3

### Number Boggies

Complete the number boggies?



**We can Add - 4****◆ Let's make pairs of hundred**

Sanmaya is playing with number cards. Sum of 2 two digit numbers must be 100.  
Let's help her?

How many such pairs are possible?

Eg:  $\boxed{49} + \boxed{51} = \boxed{100}$

How many pairs can be formed with one digit numbers and two digit numbers?

Eg:  $\boxed{3} + \boxed{97}$



## We can Add - 5

- Mini and Manu went to Chinnoo's store to buy toys. Both of them have 250 rupees each. They spent the whole money they had. How they selected the toys? Let's see...

### Chinnoos Store

#### Price List

Item	Price (in Rupees)
Ball	25
Play mobile	100
Drum	35
Doll	85
Balloon ( 1 packet)	50
Bus	125
Autoricksha	75
Bicycle	70

- Who bought more items?

- What are the items bought?

No	Item	Price
1		
2		
3		
4		
5		
6		
7		
8		
	<b>Total</b>	

**We can Add - 6**

Rani and Renju are playing a game. Renju should write answer to Rani's questions. Can you help Renju?

**Questions**

1. Number that is 1 subtracted from 220
2. Number that is 24 added to 200
3. Number having 22 tens and 3 ones
4. Number, which is double of 113
5. Number, that is half of 444
6. Number having 2 hundreds 1 ten and 8 ones
7. Number that is 1 added to 220
8. Number having 2 hundreds, 2 tens
9. Number that is 0 added to 225

Write the answers in the boxes numbered 1 to 9

	1	2	3	
4		222		6
	7	8	9	

## Mathematics

Add the numbers, vertically, horizontally and diagonally (Corner to corner) and see the answers.

What is the special property of the sum obtained?

### 3. Let's Take Away - 1

- Clearance sale is announced in Kittan's shop. Items were sold in reduced price. Leena and Nanu went to the shop. Who purchased for more amount? By how much?

Item	Original price	Discount
Book	45	12
Pen	25	9
Pencil	10	2
Colouring book	65	18
Crayon	30	15
Colour paper	75	20

Kittan's shop		
Name : Nanu		Date: _____
No	Item	Price
1	Pen	$25 - 9 =$
2	Pencil	
3	Colouring book	
4	Crayon	
	<b>Total amount</b>	

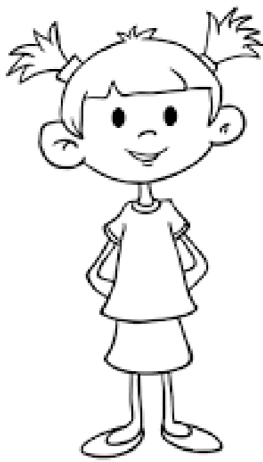
Kittan's shop		
Name : Leena		Date: _____
No	Item	Price
1	Book	$45 - 12 =$
2	Crayon	
3	Colour paper	
4	Pencil	
	<b>Total amount</b>	

Who purchased more ?

How much?

## Let's Take Away -2

- Ansu decided to purchase a doll through online shopping. She bought a doll of lowest price. Lets colour the doll, Ansu bought.



Price - 316  
Discount - 50



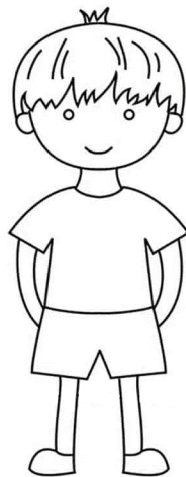
Price - 760  
Discount - 275



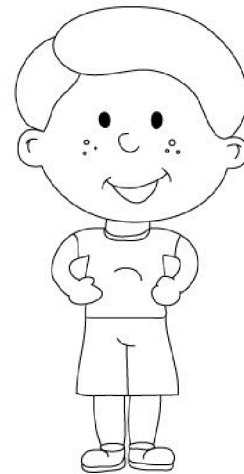
Price - 500  
Discount - 350



Price - 649  
Discount - 50



Price - 960  
Discount - 300



Price - 870  
Discount - 590

Example : Price of the first doll = 316 - 50  
= 266

**Let's Take Away - 3**

Let's find the friends.

$798 + 9$

$385 + 120$

$469 + 74$

$600 + 205$

$900 - 100$

$400 + 400$

$720 - 215$

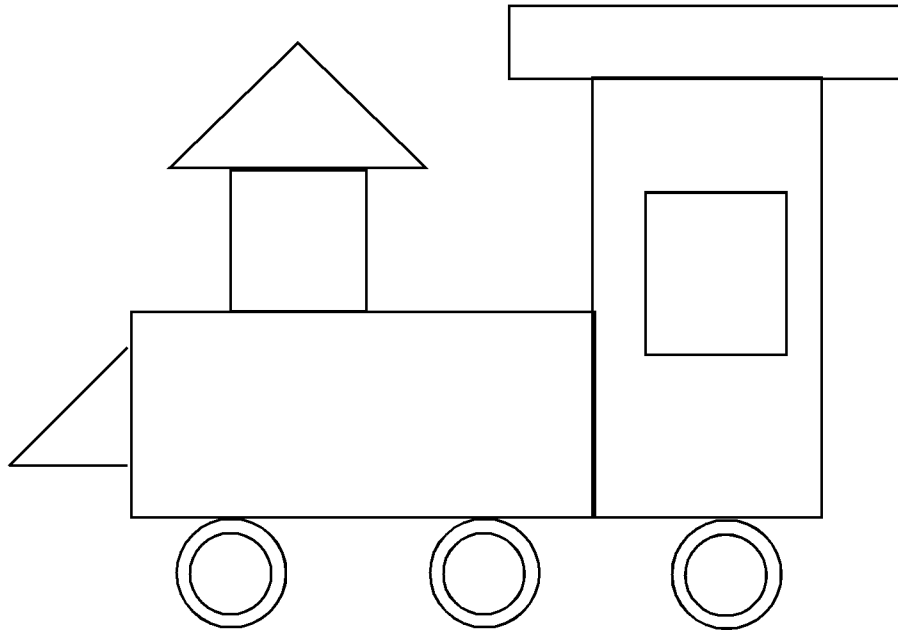
$991 - 186$

$510 + 297$

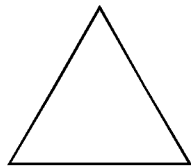
$800 - 257$

## 4. When Shapes Join - 1

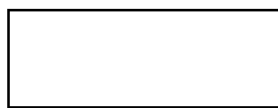
Observe the picture :



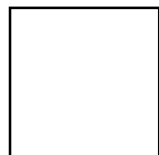
What are the different shapes in this figure. Find and write.



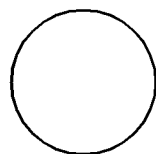
= Triangle



= .....

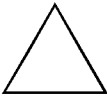





= .....



= .....

Count the shapes and write their numbers?

Shapes	Numbers
	-----
	-----
	-----
	-----

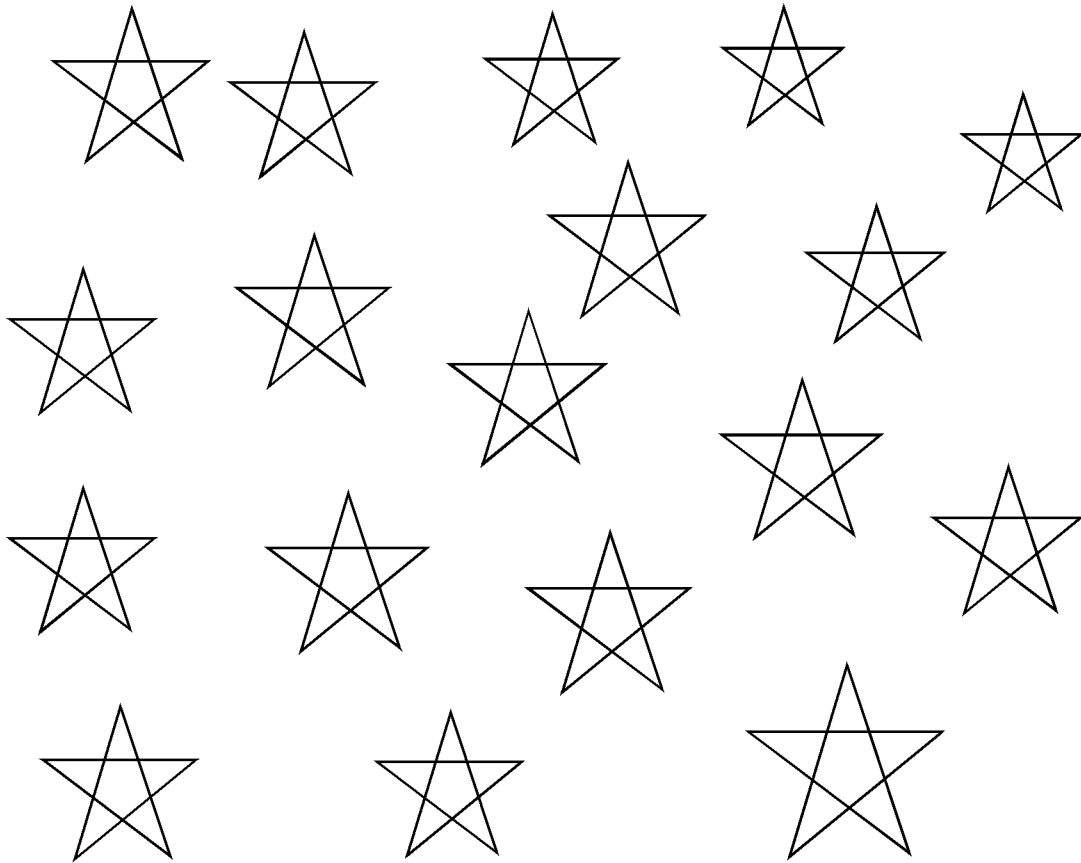
Make a new picture by joining these shapes...

colour it...



### 5. If Alike Joins - 1

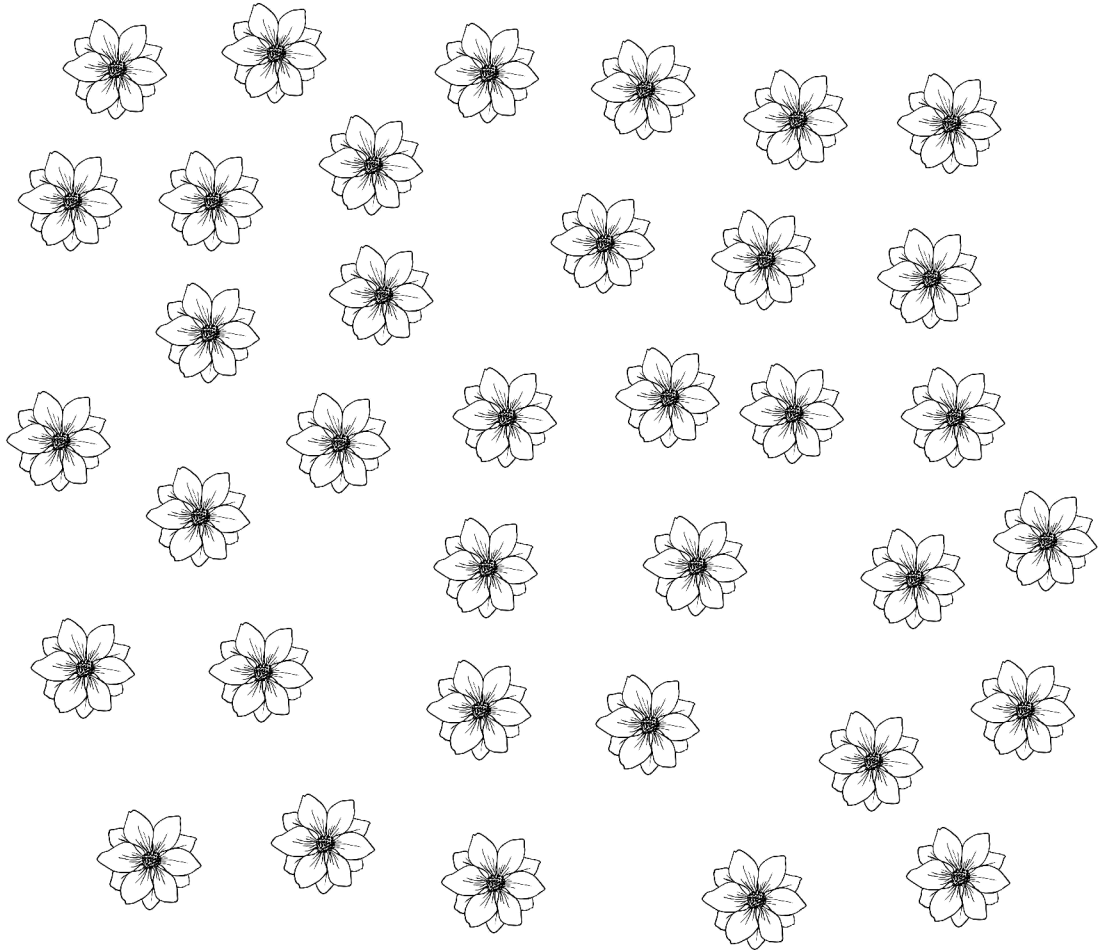
- ◆ Let's divide 18 stars into groups with equal number of stars.



Number	Group
9	2
3	
18	

### If Alike Joins - 2

◆ Let's make groups of 3. Find the total number of flowers.



Total number of flowers :

$3 + 3 + 3 + \dots\dots\dots$

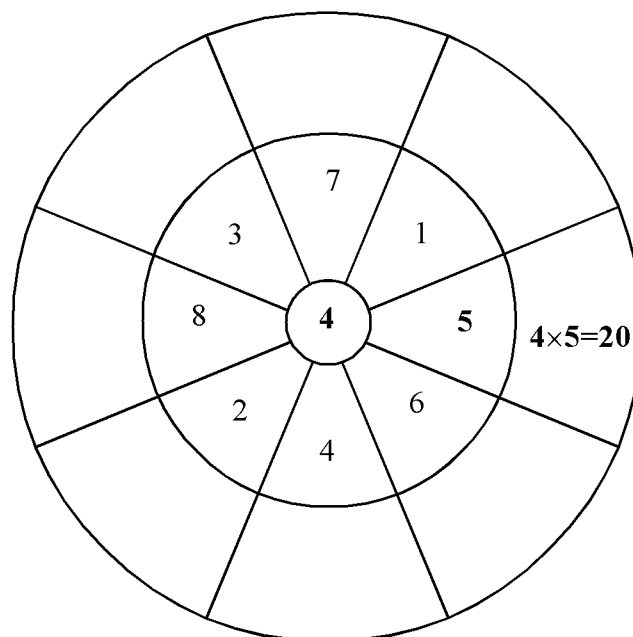
### If Alike Joins - 3

◆ Let's complete :

$2 + 2 + 2 + 2$	8	4 times 2 is 8
$3 + 3$	6	2 times 3 is _____
$5 + 5 + 5 + 5 + 5$		
$8 + 8 + 8$		
$9 + 9$		
$4 + 4 + 4 + 4 + 4 + 4$		
	14	

### If Alike Joins - 4

◆ Observe the given example and fill the blanks.



### If Alike Joins - 5

◆ Let's find the friends.

$3 \times 6$	8	$3 \times 5$
$5 \times 3$	18	$1 \times 6$
$2 \times 4$	15	$10 \times 5$
$6 \times 1$	6	$4 \times 2$
$5 \times 10$	50	$6 \times 3$

### All Alike Joins - 6

◆ Let's complete :

$30$ $27$ $24$	$50$
$21$	
$18$	
$15$	
$12$	
$3$ $6$ $9$	$5$ $10$
$2$	$6$

## 6. Time - 1

- ◆ Observe the calendar. It is November 2022. Answer the following questions...

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14 Children's Day	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

- List the name of the friends in the class who are celebrating their birthday in the month of November?

- Let's mark their birth dates in the calendar?

- How many Sunday's are in November 2022 ?

- How many days are in November 2022?

- What is the first day of November 2022?

- What is the date of the second saturday of November 2022?

- What day is December 1, 2022?

- Write the dates in the next week of November 19.

- Colour the Fridays in the calendar

- Field Trip was conducted on the first Wednesday of November. Find the date?

- Which day is celebrated as "Children's Day"?

- Manu's sister went for the school study trip for 4 days. If they started the journey on November 14, write the day and date they returned?

## 7. In Rows and Columns - 1

- Complete the boxes.

X	3	2
5	15	10
9		
8		

X	4	5
6		
7		
1		

## In Rows and Columns - 2

- Give colour to the right answer :

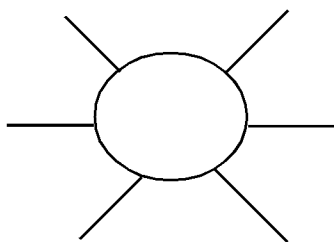
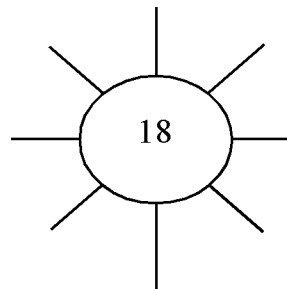
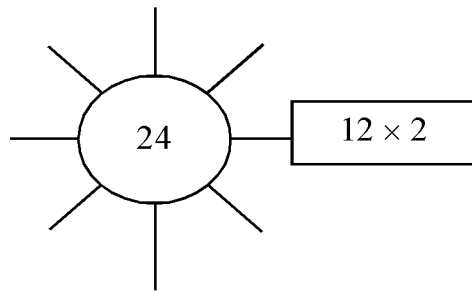
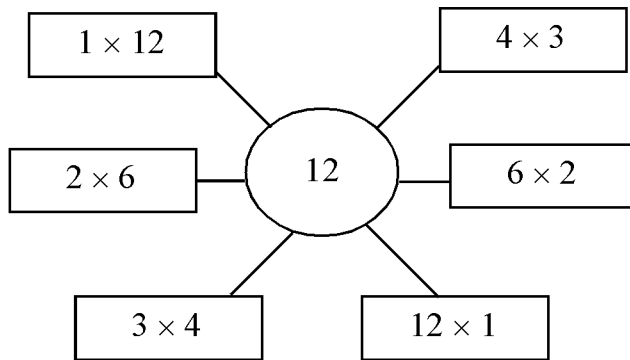
$3 \times 6$		
16	14	18

$2 \times 6$		
13	12	15

$5 \times 5$		
25	20	24

$8 \times 4$		
30	31	32

### In Rows and Columns - 3



## 8. Measure and Tell - 1

Colour paper strips of same size (may be one inch) are placed on the table in a scattered manner. Group leader of each group collect the paper strips having the colour allotted to the group and place them one after other in a row. The group which formed the longest row within a given time is the winner. Each group arranges the strips one by one in a line.

Which is the longest line?

Which is the shortest line ?

What is the difference between the strips in the longest line and the shortest line?

## Measure and Tell - 2

- Length of Pencil



Place the pencils of students in your bench

Who's pencil in the longest?

Arrange the pencils of students of each bench one by one in a line.

Which bench has the shortest line?

Which bench has the longest line?



## 9. Divide and Make Equal - 1

- Ananya and her 15 friends went to the park to play. They decided to enter into the rotating swing. Each box in the swing has four seats. Find the number of boxes Ananya and her friends occupied.?

Total number of students	<input type="text" value="16"/>
Number of students entered in the first box	<input type="text" value="4"/>
Remaining number of students	<input type="text" value="16 - 4 = 12"/>
Number of students entered in the second box	<input type="text" value="4"/>
Remaining number of students	<input type="text" value="12 - 4 ="/>
Number of students entered in the third box	<input type="text"/>
Remaining number of students	<input type="text"/>

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Total number of boxes

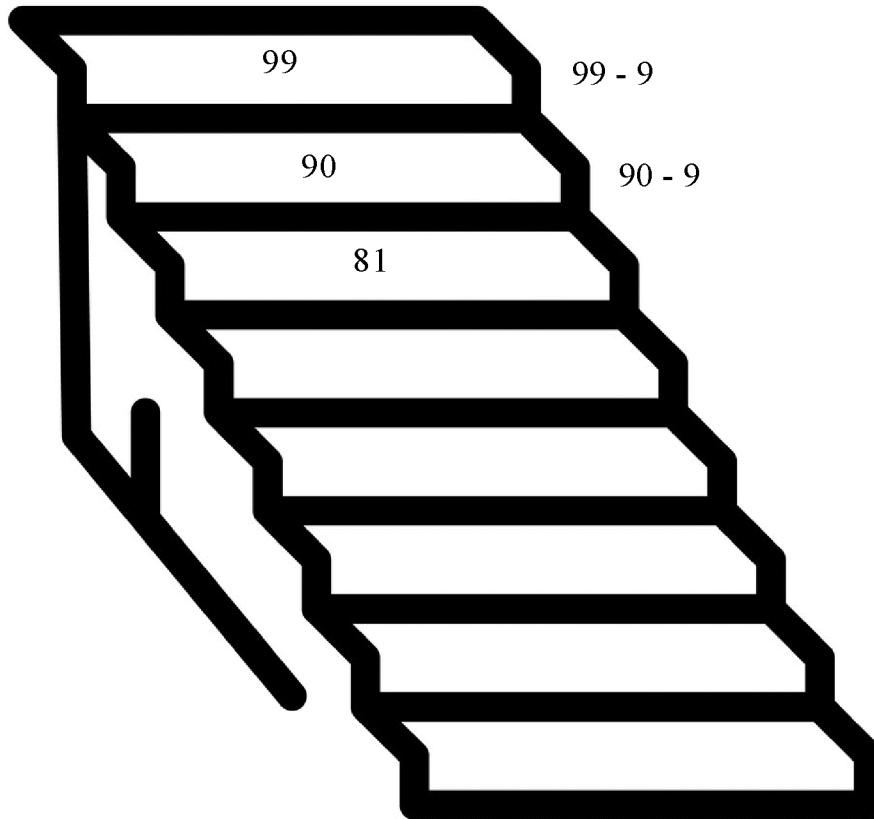
### Divide and Make Equal - 2

- Sanjo is celebrating his birthday. Some of his friends reached Sanjo's house to celebrate his birthday. He gave 3 sweets to each of his friend. He distributed 24 sweets in all. Find the number of friends visited Sanjo's house.

<b>Friends</b>	<b>Number of sweets in hand</b>	<b>Remaining number of sweets</b>
No : 1	24	$24 - 3 = 21$
No : 2	21	$21 - 3 = 18$
No : 3		

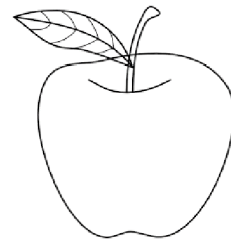
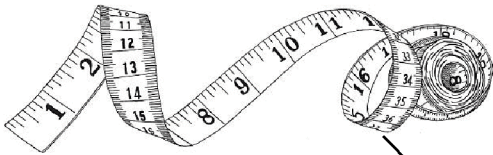
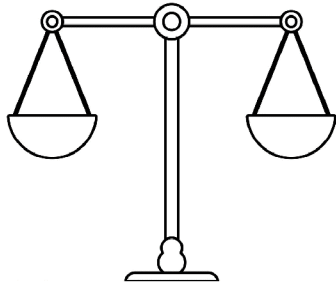
## Divide and Make equal - 3

- Let's step down :



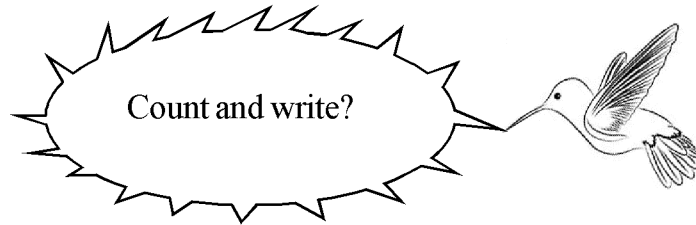
# 10. Know the weight - 1

Let's join



# 11. Pictorial Mathematics - 1

In my class



Number of benches

Number of desks

Number of chairs

Number of windows

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-----

- Let's find and write :

Number of boys in class I

Number of girls in class I

Total number of students in class I

Number of boys in class II

Number of girls in class II

Total number of students in class II

Number of boys in class III

Number of girls in class III

Total number of students in class III

Number of boys in class IV

Number of girls in class IV

Total number of students in class IV

Class	Number of boys	Number of girls	Total number of students
I			
II			
III			
IV			

What is the total number of students in the school?

Make questions based on the above table.

- Count the number of objects in the school Mathematics lab and make a table.