



**पुर्णमा International School**  
Shree Swaminarayan Gurukul, Zundal

*Grade - III*  
*Math*  
*Specimen copy*  
*Month Of*  
*April to June*

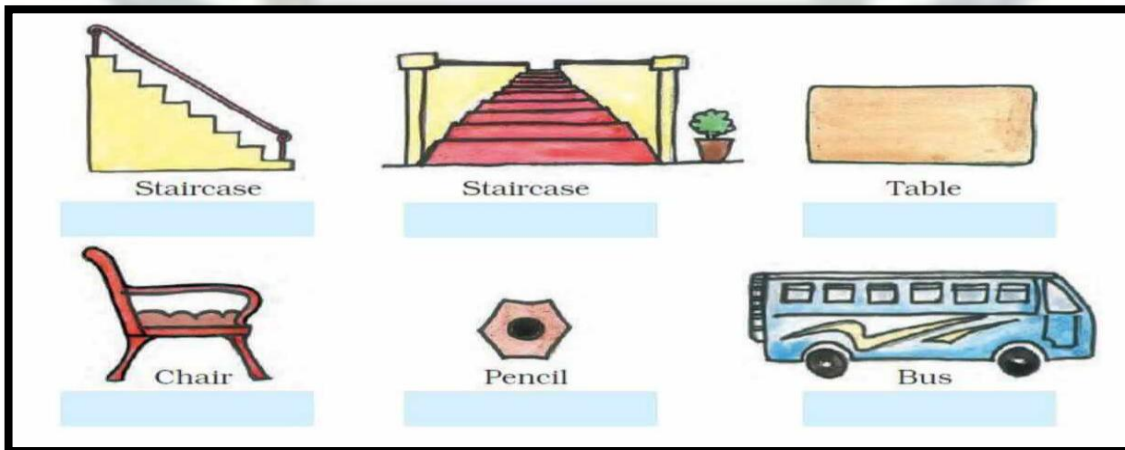


# Chapter – 1

## Where To Look From

### ➤ KEY POINTS

- \* Introduction of 2 D shapes
- \* Different views of an object
- \* Mirror images
- \* Line of symmetry
- \* Mirror halves
- \* Look at the pictures given below. Circle the pictures which are divided into two mirror halves by the dotted line
- \* Activity



## Introduction of 2-D shapes



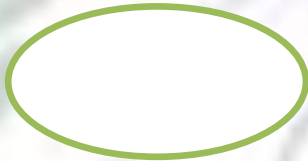
Sides: -Zero  
Corners:-Zero

**Circle**



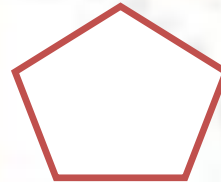
Sides - three  
Corners - three

**Triangle**



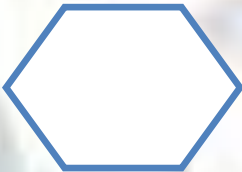
Sides -Zero  
Corners-Zero

**Oval**



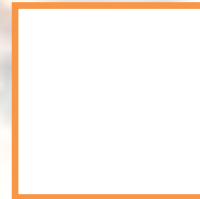
Sides - five  
Corners - Five

**Pentagon**



Sides - 6  
Corners - 6

**Hexagon**



Sides - 4  
Corners - 4

**Square**



Sides - 4  
Corners - 4

**Rectangle**

## Different views of an object

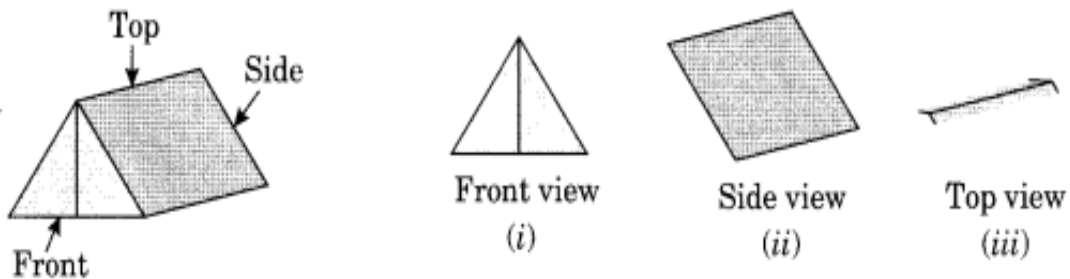
**Q :- What is object ?**

**Ans -** Object is a material thing which can be seen or touch. The different types of views are front view, top view, side view.

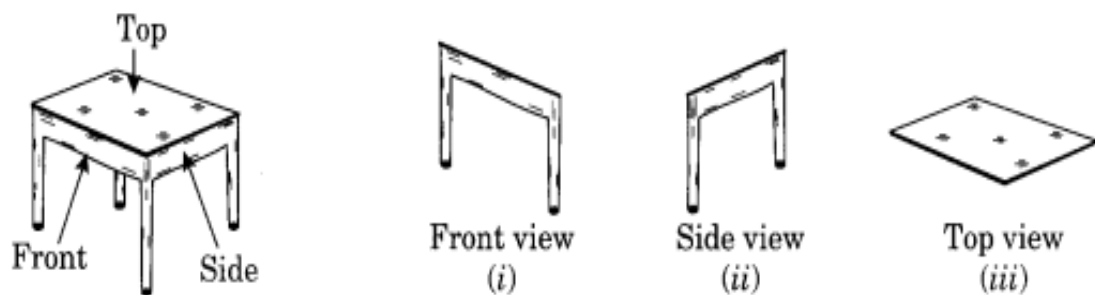
- **Front view :** - Front view is what you see from front, when you look at something.
- **Side view :** - Side view is what you see from side, when you look at something.
- **Top view :** - Top view is what you see when you look at something from directly above.

- Examples are as follows.

(a) A military tent



(b) A table



**Notes – Draw any two more things with their views. (H.W.)**

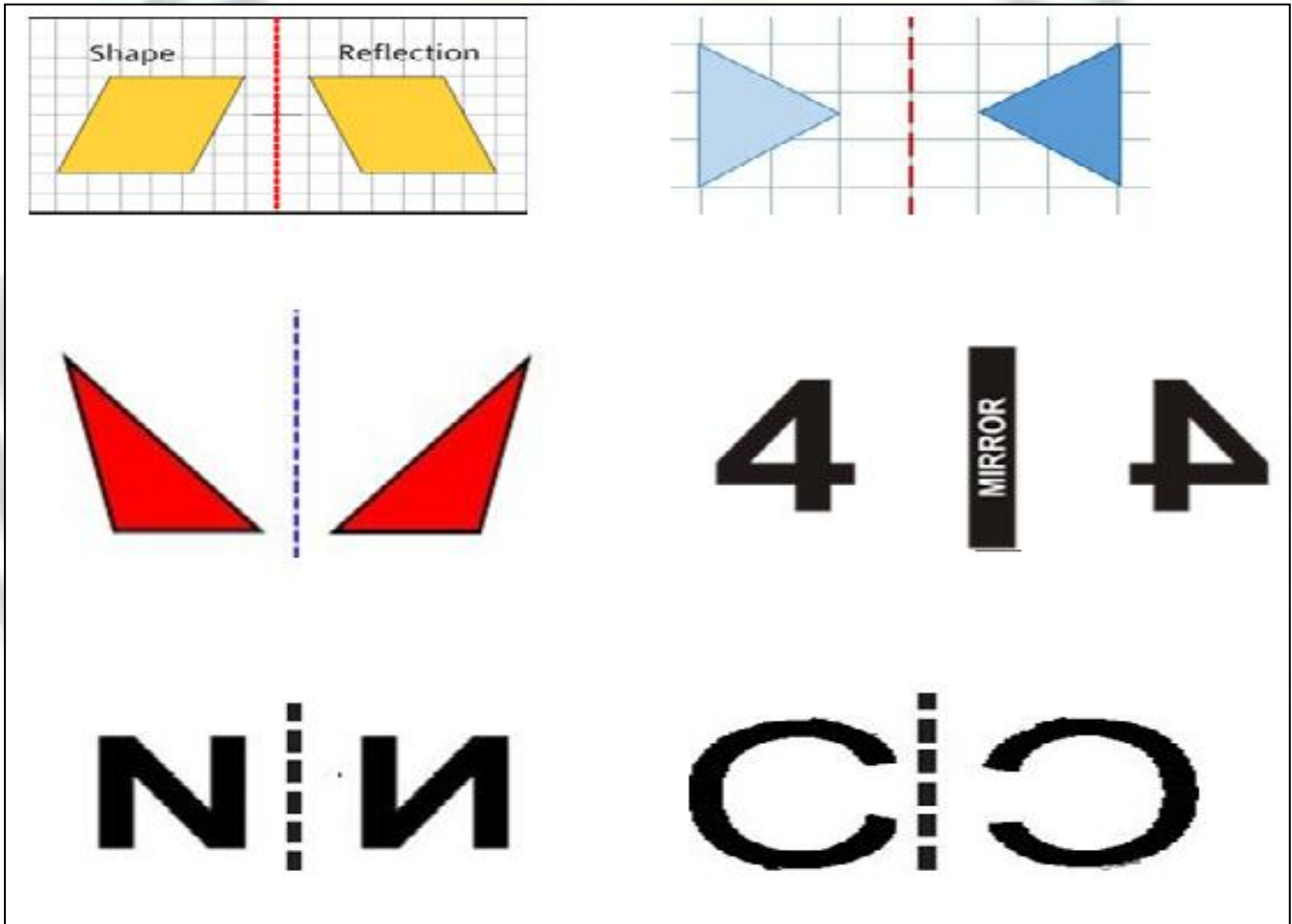
- YouTube video link for different views of an object.

<https://youtu.be/zyb0VwwIueQ>

## Mirror images

An image which is like a reflection in a mirror. Everything is the same, except reversed.

Examples are as follows.



## Line of symmetry

A line dividing a figure into two identical parts is called the line of symmetry . There are 3 types of line of symmetry.

1) Vertical line of symmetry.



2) Horizontal line of symmetry.

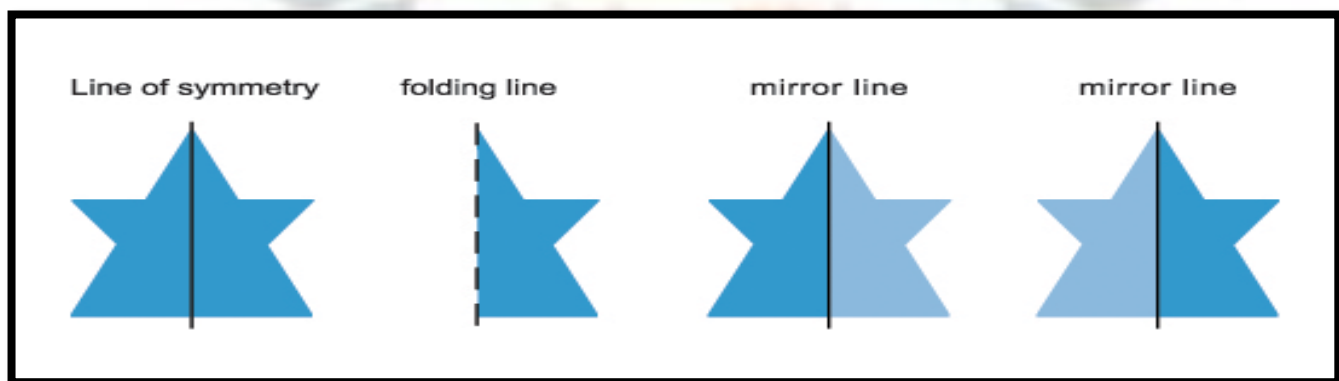


3) Oblique line of symmetry.



- **YouTube video link for line of symmetry**

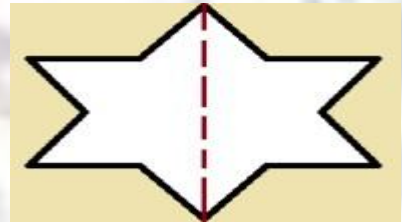
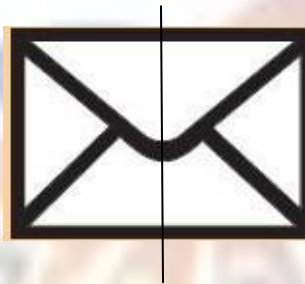
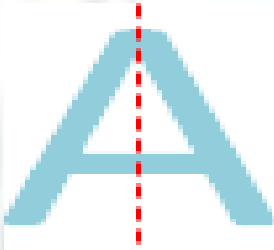
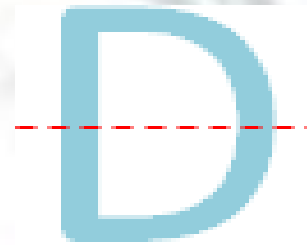
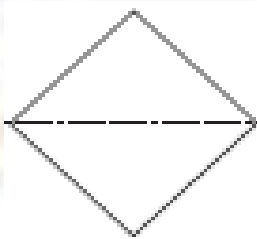
[https://youtu.be/\\_Xs56r9o3Tw](https://youtu.be/_Xs56r9o3Tw)



## Mirror halves

Mirror halves are a type of symmetry in which one half of the object is the mirror image of the other.

Examples are as follows.

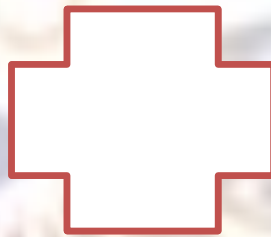


➤ YouTube video link for line of symmetry and mirror halves

<https://youtu.be/-fRGFhbzxDw>

# Activity

Draw the line of symmetry for the following figures.





# Chapter - 2

## Fun with Numbers



## ▶ KEY POINTS

- ❖ Fill in the blanks.
- ❖ Write the expanded form of the following.
- ❖ Counting by 10's, write the next number.
- ❖ Counting by 10's, write the backward number.
- ❖ Counting by 50's, write the next number.
- ❖ Complete the patterns in sequence.
- ❖ Word problem.
- ❖ Activity



➤ **Fill in the blanks**

- 1) The smallest one digit number is **1**.
- 2) The greatest one digit number is **9**.
- 3) The smallest two digit number is **10**.
- 4) The greatest two digit number is **99**.
- 5) The smallest three digit number is **100**.
- 6) The greatest three digit number is **999**.

➤ **Write the expanded form of the following**

- 1) 332 = **3 hundred + 3 tens + 2ones.**
- 2) 689 = **6 hundred + 8 tens + 9ones.**
- 3) 987 = **9 hundred + 8 tens + 7ones.**
- 4) 254 = **2 hundred + 5 tens + 4ones.**
- 5) 867 = **8 hundred + 6 tens + 7ones.**
- 6) 700 = **700 + 00 + 0.**
- 7) 545 = **500 + 40 + 5.**
- 8) 937 = **900 + 30 + 7.**
- 9) 150 = **100 + 50 + 0.**

- You Tube link for expandedforms. <https://youtu.be/4AF7xj7pmWc>

➤ Counting by 10's, write the next number

1) 728, 738, 748, 758, 768.

2) 230, 240, 250, 260, 270.

3) 445, 455, 465, 475, 485.

4) 500, 510, 520, 530, 540.

5) 344, 354, 364, 374, 384.

➤ Counting by 10's, write the backward number

1) 200, 190, 180, 170, 160.

2) 450, 440, 430, 420, 410.

3) 670, 660, 650, 640, 630.

4) 510, 500, 490, 480, 470.

5) 300, 290, 280, 270, 260.

➤ Counting by 50's, write the next number

1) 400, 450, 500, 550, 600.

2) 750, 800, 850, 900, 950.

3) 600, 650, 700, 750, 800.

4) 350, 400, 450, 500, 550.

5) 100, 150, 200, 250, 300.

- Complete the patterns in sequence

1) 315, 325, 335, 345, 355, 365, 375.

2) 780, 770, 760, 750, 740, 730, 720.

3) 600, 605, 610, 615, 620, 625, 630.

4) 735, 730, 725, 720, 715, 710, 705.

5) 820, 830, 840, 850, 860, 870, 880.

6) 302, 312, 322, 332, 342, 352, 362.

7) 760, 750, 740, 730, 720, 710, 700.

8) 500, 550, 600, 650, 700, 750, 800.

- **You Tube link for patterns** <https://youtu.be/d51bsZwPKVw>

❖ Word problem.

1. Kavya skips counting by 50's and started counting backward from 600 to 350.  
Write the numbers she counted.

**Sol:-550, 500, 450, 400.**

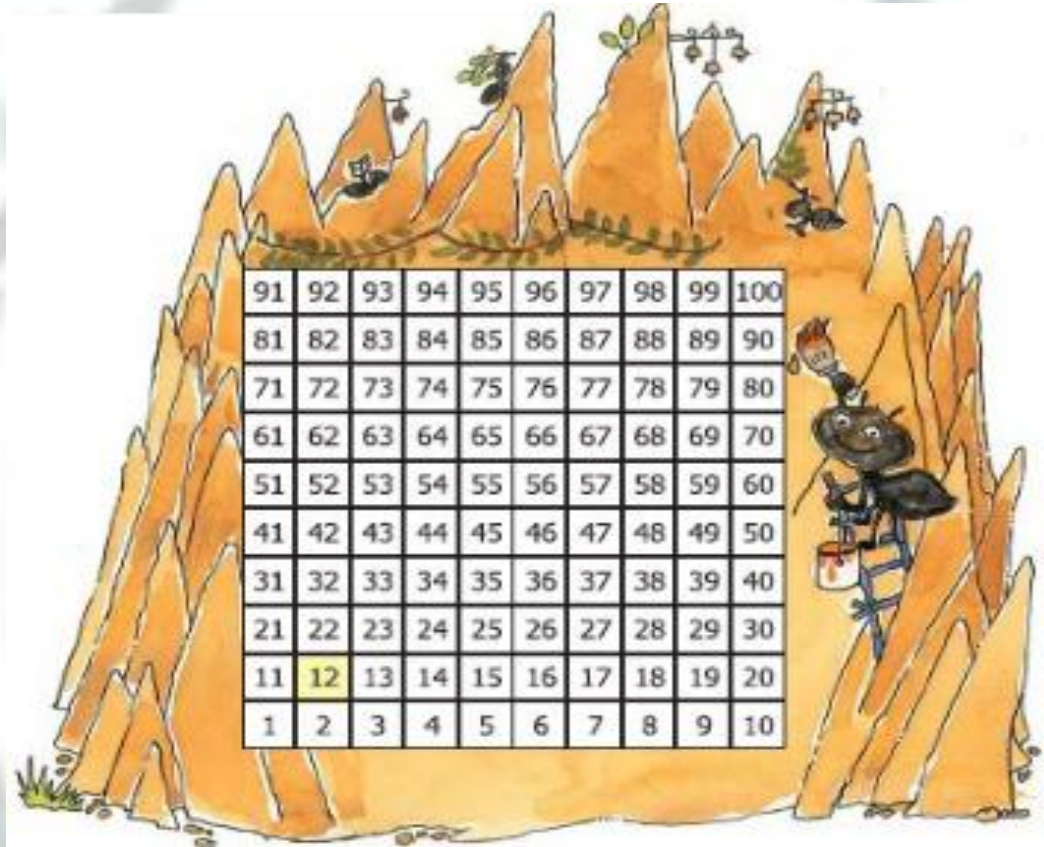
2. Raj jumps 5 steps forward starting from 100 till 130. Write the numbers he jumped.

**Sol:-105, 110, 115, 120, 125.**



# Chapter - 3

## Give And Take



➤ **KEY POINTS**

- ❖ **Fill in the blanks.**
- ❖ **Column method addition**
- ❖ **Addition with carry**
- ❖ **Word problems**
- ❖ **Activity**



Tillu counted rabbits and deer.

There were 27  and 48 

The old deer counted birds and squirrels.

There were 124  and 38 



• **Fill in the blanks:**

1)  $75 + 10 = \underline{85}$

2)  $34 + 43 = \underline{77}$

3)  $65 - 30 = \underline{35}$

4)  $87 - 42 = \underline{45}$

5)  $5 + 8 + 7 = \underline{20}$

6)  $9 + 31 + 40 = \underline{80}$

7) 10 more than 45 is 55

8) 12 less than 34 is 22

9) 18 added to 71 is 89

10) The difference of 99 and 39 is 60

11) Reducing 98 by 34 gives 64

12) Take 35 away from 83. We get 48

• **Column method addition**

a)  $72 + 22 = 70 + 2 + 20 + 2$   
 $= 70 + 20 + 2 + 2$   
 $= 90 + 4$

**Ans** = 94

b)  $46 + 23 = 40 + 6 + 20 + 3$   
 $= 40 + 20 + 6 + 3$   
 $= 60 + 9$

**Ans** = 69

c)  $27 + 71 = 20 + 7 + 70 + 1$   
 $= 20 + 70 + 7 + 1$

$$= 90 + 8$$

$$\text{Ans} = 98$$

$$\text{d) } 49 + 50 = 40 + 9 + 50 + 0$$

$$= 40 + 50 + 9 + 0$$

$$= 90 + 9$$

$$\text{Ans} = 99$$

$$\text{e) } 87 + 67 = 80 + 7 + 60 + 7$$

$$= 80 + 60 + 7 + 7$$

$$= 140 + 14$$

$$\text{Ans} = 154$$

$$\text{f) } 19 + 61 = 10 + 9 + 60 + 1$$

$$= 10 + 60 + 9 + 1$$

$$= 70 + 10$$

$$\text{Ans} = 80$$

- **Addition with carry.**

$\begin{array}{r} 11 \\ 996 \\ + 958 \\ \hline \mathbf{1954} \end{array}$	$\begin{array}{r} 11 \\ 896 \\ + 968 \\ \hline \mathbf{1864} \end{array}$	$\begin{array}{r} 11 \\ 795 \\ + 998 \\ \hline \mathbf{1793} \end{array}$	$\begin{array}{r} 11 \\ 674 \\ + 767 \\ \hline \mathbf{1441} \end{array}$
$\begin{array}{r} 11 \\ 599 \\ + 978 \\ \hline \mathbf{1577} \end{array}$	$\begin{array}{r} 11 \\ 678 \\ + 543 \\ \hline \mathbf{1221} \end{array}$	$\begin{array}{r} 11 \\ 876 \\ + 555 \\ \hline \mathbf{1431} \end{array}$	$\begin{array}{r} 11 \\ 346 \\ + 987 \\ \hline \mathbf{1333} \end{array}$

• **Word problems**

- 1) A train compartment is carrying 132 people. Another compartment is carrying 129 people. Find the total number of people in both the compartments ?

	<b>1</b>	
	132	people in first compartment
+	129	people in second compartment
<b>261</b>		total no. of people

- 2) Swati found 138 pebbles. Varun found 78 pebbles. How many pebbles did they find in all?

	<b>11</b>	
	138	pebbles
+	78	pebbles
<b>216</b>		total no. pebbles

- 3) Florence saved Rs 579 in her piggy bank. Her mother gave her Rs 264 more. How much total money she have now?

	<b>11</b>	
	579	in piggy bank
+	264	mother gave
<b>843</b>		now she had

- 4) In a factory, there are two colours of bulbs as listed below. Answer the question given below on the basis of it.

Colour	Big	Small
Yellow	240	198
Red	157	243

a) How many big bulbs are there?

240	yellow
+ 157	red
<b>397</b>	<b>total bulbs</b>

b) How many red colour bulbs are there?

**Ans =  $157 + 243 = 400$  red bulbs**

c) Is the number of small bulbs more than big bulbs?

**Ans - Yes small bulbs are more than big bulbs.**

**(  $397$  big bulbs  $<$   $441$  is small bulbs).**

## Activity

- Write the number 1, 2, 3, 4, 5, 6 in the triangle formation , so that the sum of the numbers on each side of the figure is 10. No number should repeat.

For example

