

## CHAPTER -1

### WHERE TO LOOK FROM

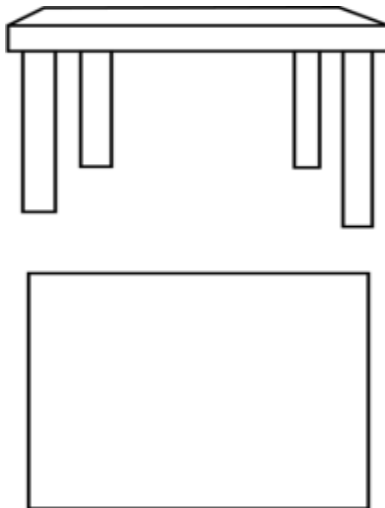
#### 2 MARK QUESTIONS

**Q1.** Have you looked at things from different sides? Do they look the same or different?

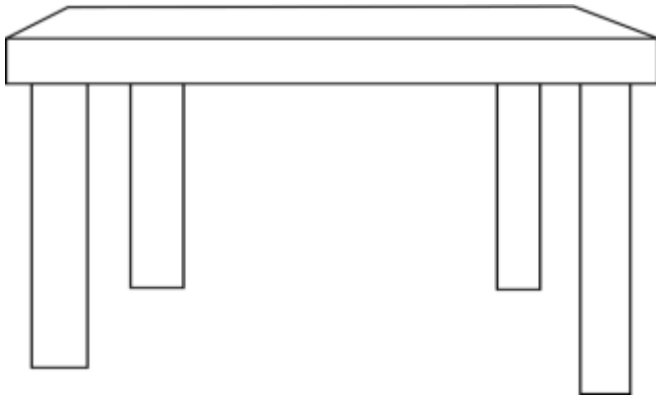


**Ans:** Yes, I have looked at things from different sides and for a lot of things among them, they look different from different sides.

**Q2.** Look at the pictures drawn here. How does the table look from the side?  
Which picture is from the top



**Ans:** If we look from the side, the table will look as following

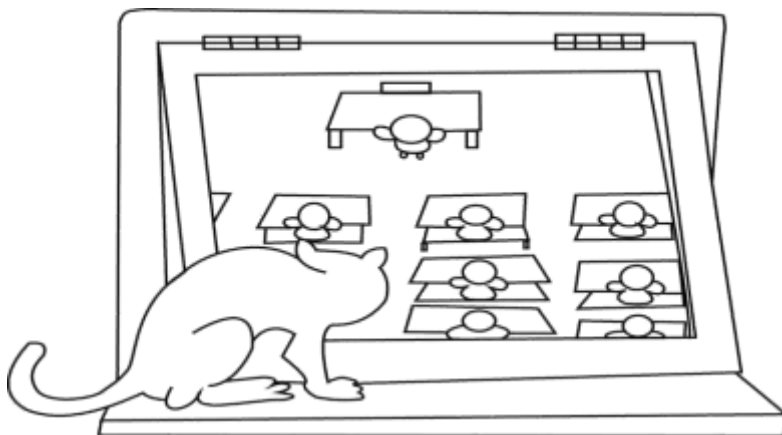


The legs of the table will be visible. The table will look like the second picture when it is seen from top side.

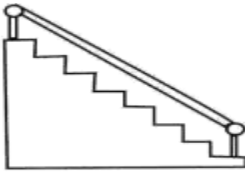


Table from top side

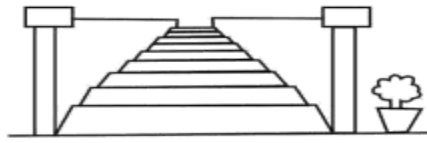
**Q3.** A cat is peeping into a classroom. Can you help her find out where the teacher is?



## MATHS



Staircase  
Side View



Staircase  
Front View

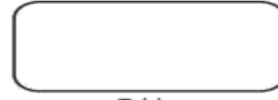


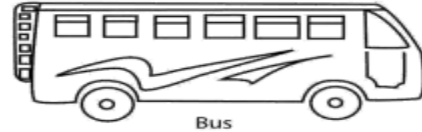
Table  
Top View



Chair  
Side view



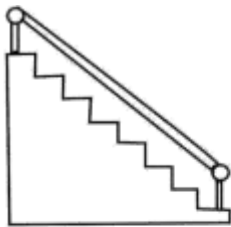
Pencil  
Top view



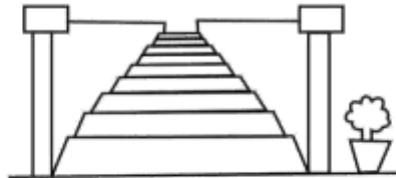
Bus  
Side view

**Ans:** Yes, I can help the cat to find out where the teacher is. The person standing in front of all the students and behind the table is the teacher .

**Q4 . Here are some pictures. Find out from where you have to look to see things this way**



Staircase



Staircase



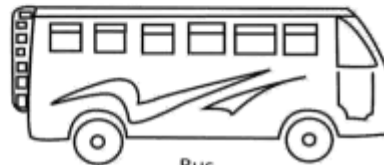
Table



Chair



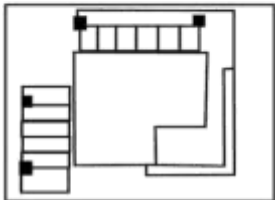
Pencil



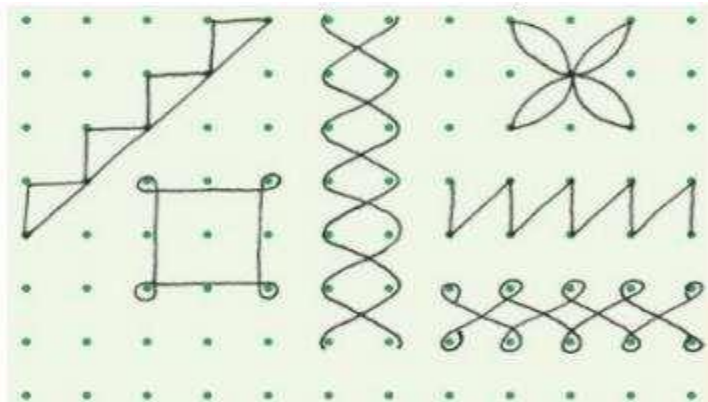
Bus

**Ans:** I have to look the things in the following way,

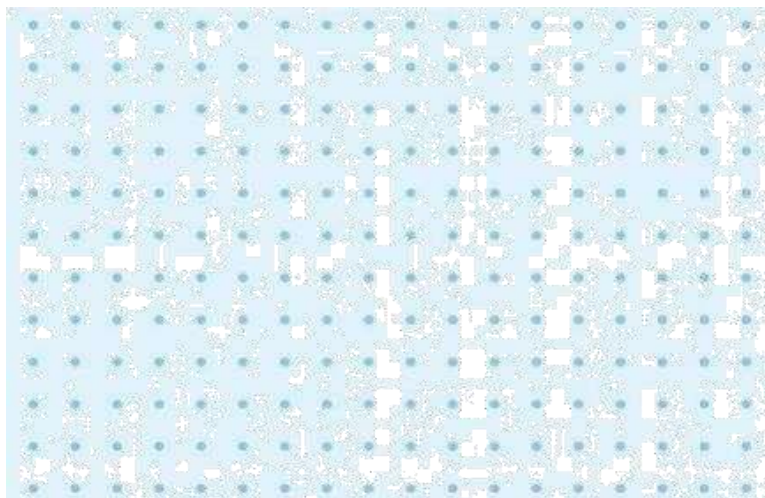
**Q5. Draw top views of a few things and ask your friends to guess what they are**



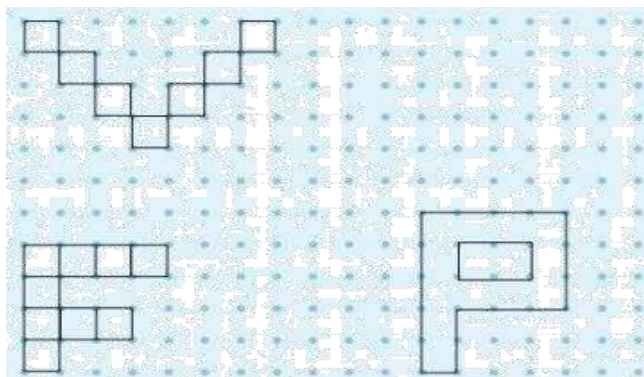
**Ans:** The first drawing is of a chair from top side view and the second drawing is of a house surrounded by a garden from the top side view.



**Q6.** Use the dot grid given below to draw your own designs and shapes.

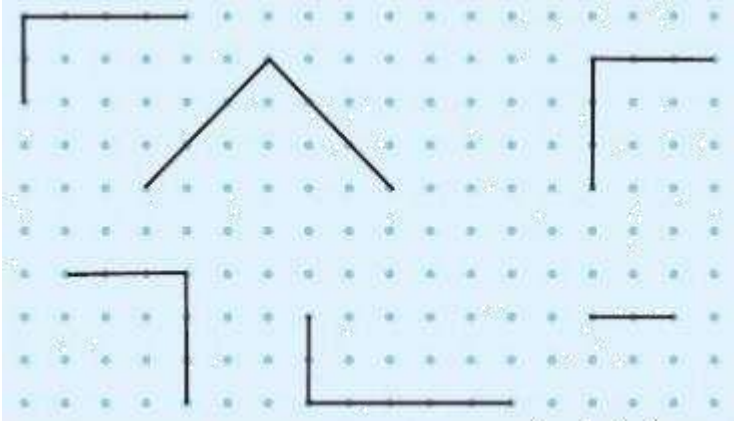


**Ans:** Some designs and shapes are as following,

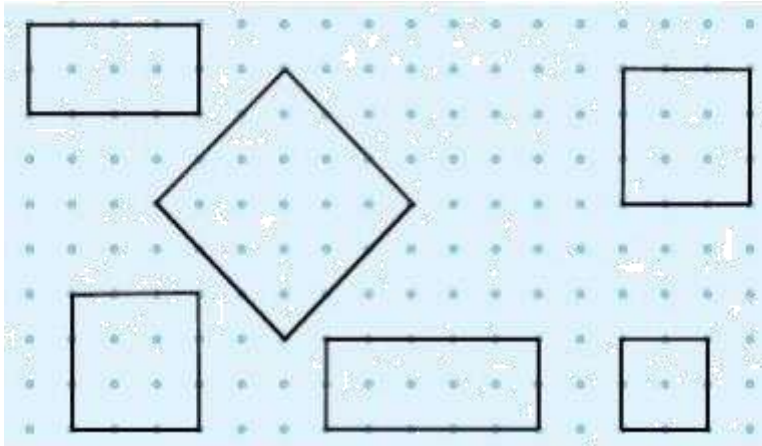


**5 MARK QUESTIONS**

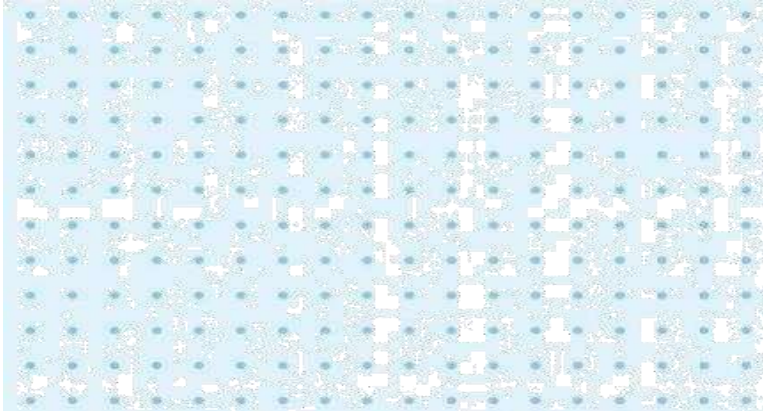
**1Q. Complete these figures to make squares and rectangle.**



**Ans:** The squares and rectangles are as follows,



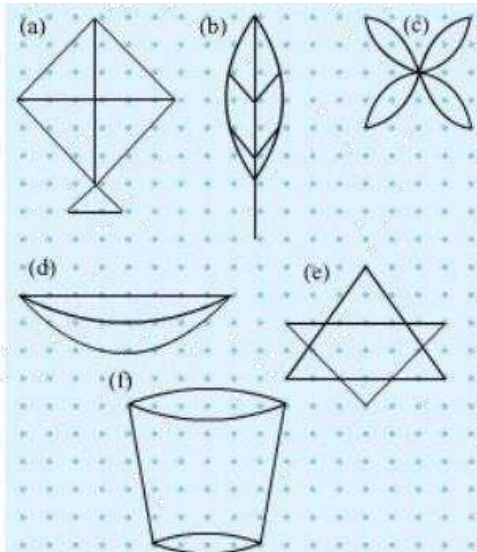
2Q. On the dot grid given below,



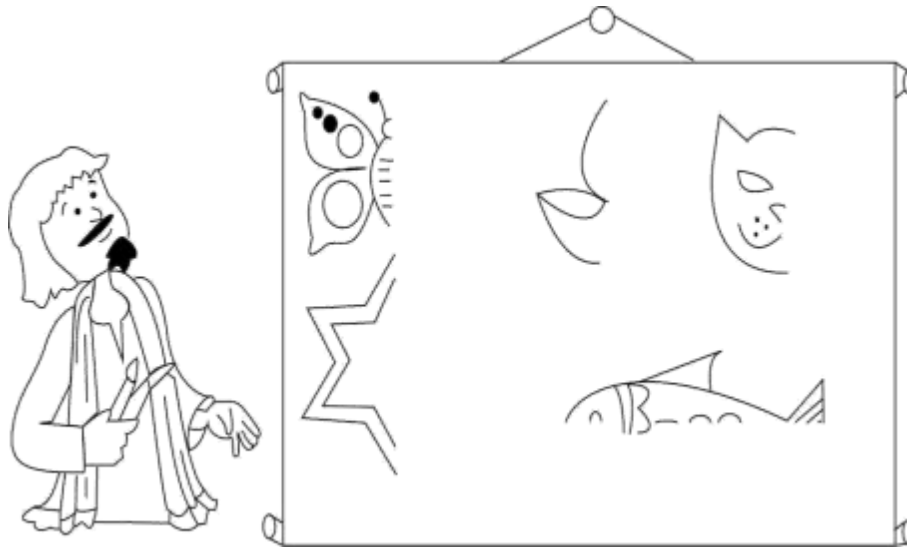
draw the following:

- (a) a kite (b) a leaf (c) a flower (d) a boat (e) a star (f) a pot

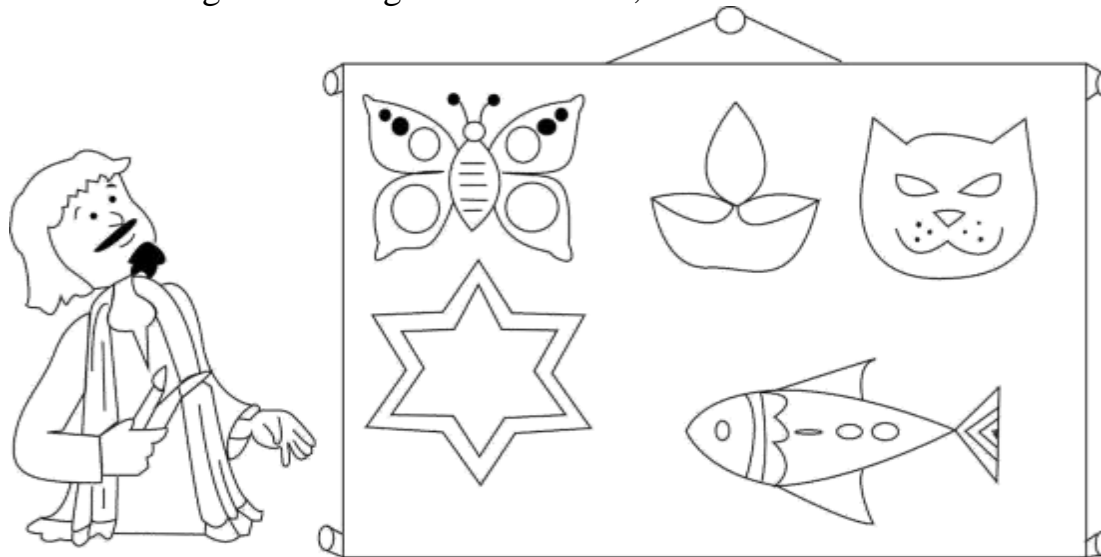
**Ans:** The drawing of a kite, a leaf, a flower, a boat, a star, a pot are respectively as following,



**3Q. The painter had made many such pictures in which he drew only one-half of the things. Draw the other half of these pictures and find out what these things are. Try doing it with a mirror.**

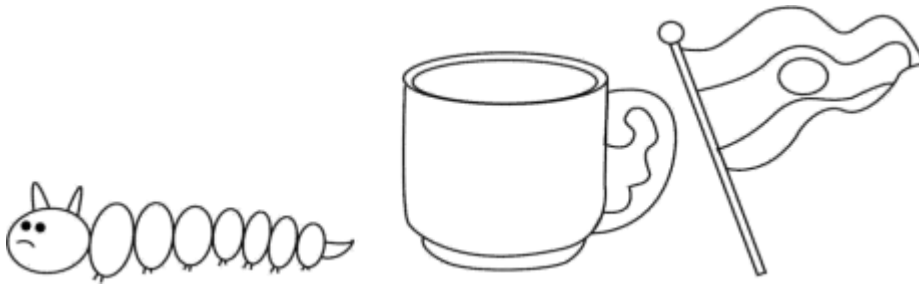


**Ans:** Drawing of the things are as follows,





**4Q. Can we repeat the painter's trick, while drawing pictures of the following?**



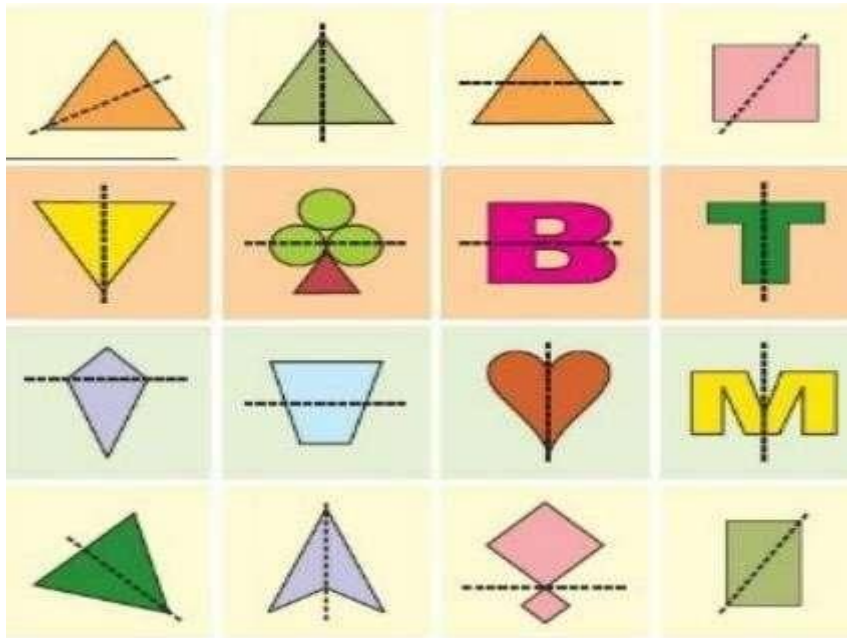
**5Q. If you ask the painter to draw things which cannot be divided into two similar mirror halves, then he cannot play the trick. Draw three more such things which do not have similar mirror halves.**

**Ans:** No, we cannot repeat the painter's trick to draw the given drawings because these things cannot be divided into two similar mirror halves.

The drawing of the three things which do not have similar mirror halves are as following,

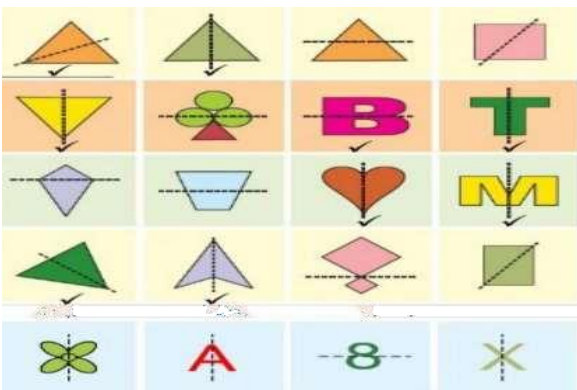


**6Q. Look at the pictures given below. Does the dotted line divide each picture into two similar mirror halves?**



**Give some more examples.**

**Ans:** No, the dotted lines do not divide each of the picture into two similar mirror halves. The picture from above which can be divided into two similar mirror halves are ticked in the following, More objects which can be divided into two mirror halves are also given below,



7Q. Using a dotted line, can you divide the following pictures into two similar halves?



**Ans:** Some of the above pictures which can be divided by the dotted lines are as fol