



Mathematics
Grade -3
2nd Term- Student Note -13
Symmetrical figures and Patterns

Dear Parent,

- Please guide your child to write the students' notes by following the guidelines given below.
- Before writing the students' notes, watch the Mathematics- "Symmetrical figures and Patterns" lesson on Vidura YouTube by opening this link.
- Use the Mathematics writing book and write the lesson.
 - * Start with the date and the topic "Symmetrical figures and Patterns".
 - * Underline the topic with a colour pencil.

Symmetrical Figures and Patterns

Identifying a symmetrical figure

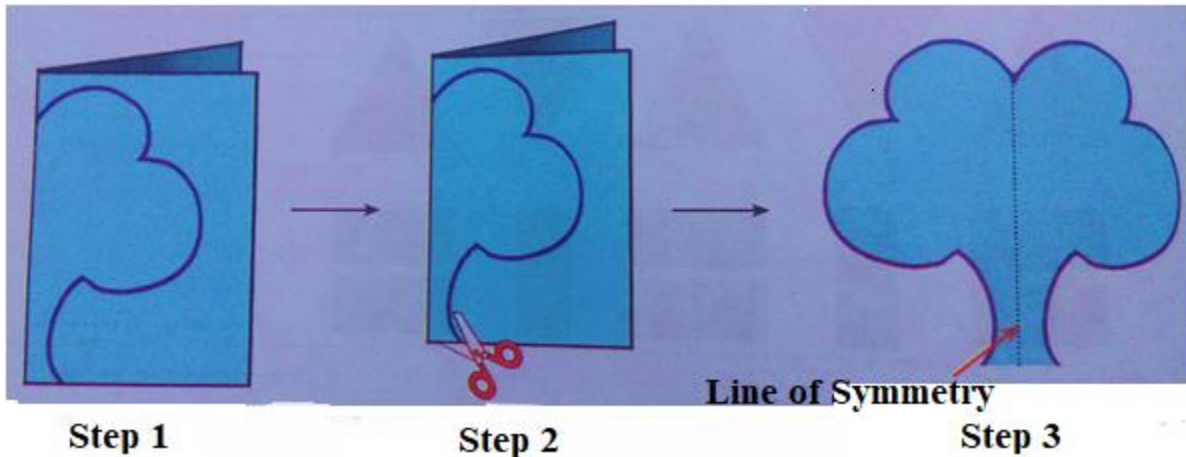
- ❖ If a figure can be divided by a line into two parts that are identical in shape, size and position, those figures are described as **symmetrical shapes**.
- ❖ The line which divides the figure into two is called the **line of symmetry** or the **axis of symmetry**.

Activity 1

Step 1 -Take a colour A4 sheet and fold it into two.

Step 2 - Draw any figure on one side as shown below and cut the drawn figure.

Step 3 – Draw the line of symmetry on top of the folded line, which is in the middle of the figure and paste the figure in the notebook.



Activity 2

Things we need – a white colour A4 sheet and a few paint tubes or watercolours.

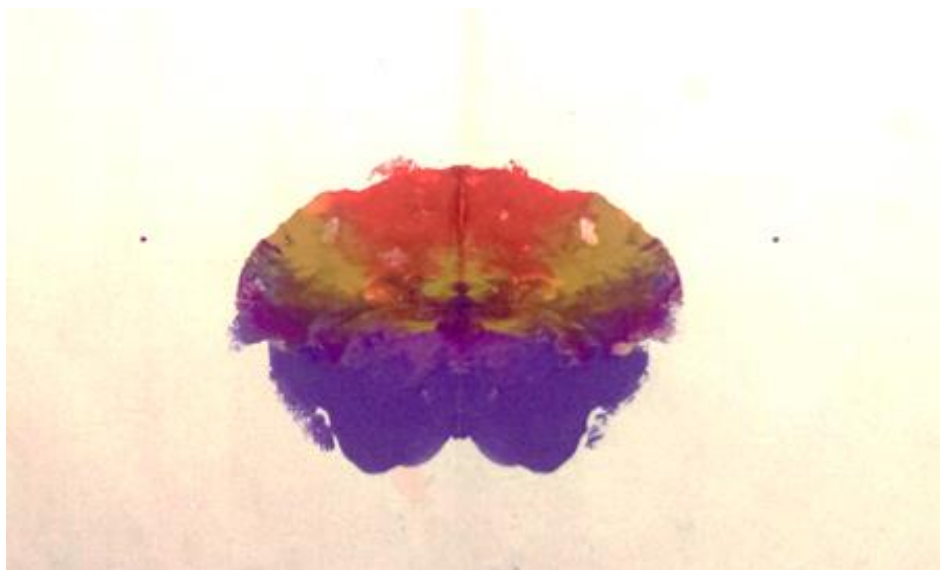
Step 1 – Fold the A4 sheet into two.

Step 2 – Put a few drops of paint onto the folded line (crease) and fold it again.

Step 3 – Press the paper until the paint is well distributed and then open it.

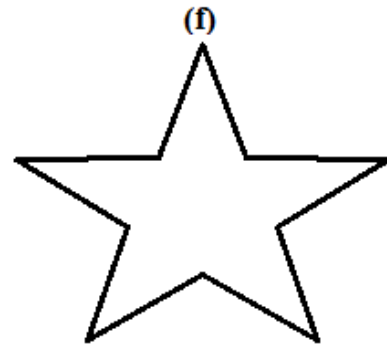
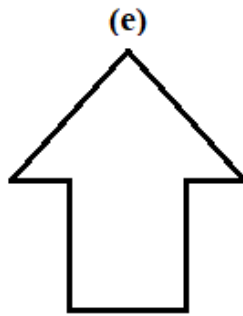
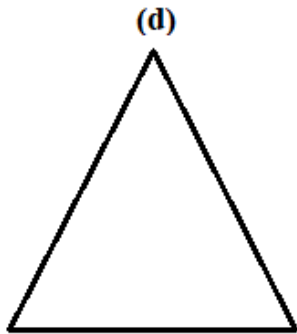
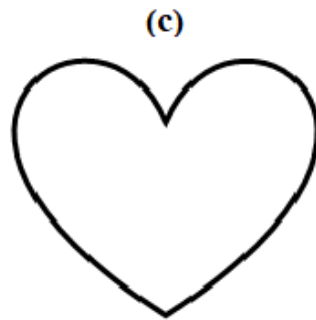
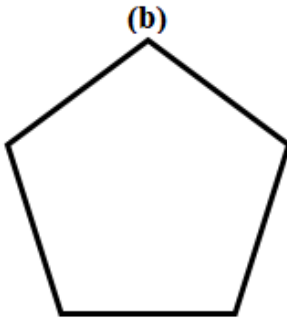
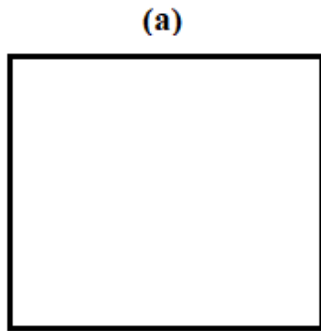
Step 4 – You will see a beautiful figure in the middle of the paper. Let it dry and paste it in the notebook.

Ex: -



Exercise 2

(1). Draw the line of symmetry in the following figures.



(2). Complete the following symmetrical figures.

