Unit 5 Symmetry

See the figures given below



In the middle of each figure one line is drawn.

Are the figures in both side of the line alike (same)? ------There are some more figures given below. Lines are also drawn in these figure. Some figures are alike. On both sides of the line. Recognize them and colour them.







47)



Art on Paper

- Fold a piece of paper from the center.
- Open the paper and pour some drops of ink on it.
- Again fold the paper in the same way and press it.
- Now open the paper and you will get some figures on both the sides.

Here one figure is made for you. Are this figure and the figure made by you both symmetrical figures?



Mathematics - 4

Now do this:



Fold a piece of paper from the middle or (centre). Take one thread and dip it in ink. Now put the thread on the centre of the paper. Now press the paper with the one hand and pull out the thread with the other hand. Open the paper and see. Is the figure same on both sides of the paper?

Now you see, after doing all these activities you get similar figures. So these figures are symmetrical figures. The line on which

similar figures are drawn in both sides is known as symmetrical axis.

Practice

Identify the symmetrical axis and draw line with pencil over it.



Do and see

Take a piece of coloured paper and fold it from the centre cut any figure with scissors from the figures given below. Open the piece of paper and see.







Have you ever seen any one cut paper like this ? Where?

Try the same by folding the paper several times. You will get funny figures. Which You can use this to decorate your class room or your room.

Come let us make mask:

- 1. Fold a paper from the centre.
- 2. Draw half figure of a face with the help of a pencil.
- 3. Cut the eye and ear with the help of a scissor.
- 4. Open the paper and the mask is ready.

In the same way you can prepare different masks in different shapes



Practice

Draw symmetrical axies in the figures given below.

