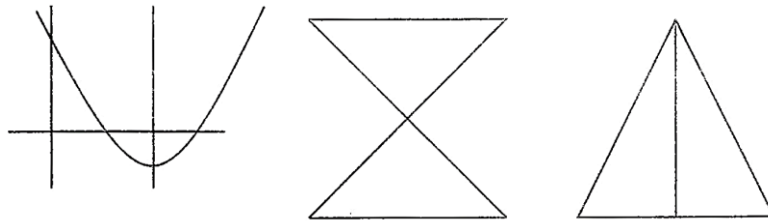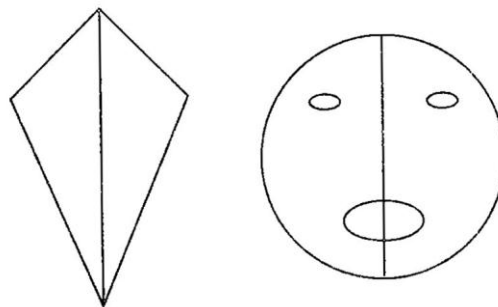## NOTES

SYMMETRY

Symmetry is when something is made up of two parts that are exactly the same and they are facing each other.
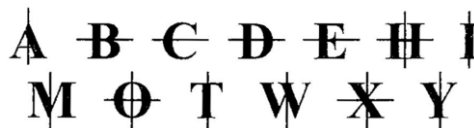

Line Symmetry

▪ A line of symmetry divides a figure into two mirror - image halves.

▪ The line of Symmetry is imaginary line where you could fold the image and have both halves match exactly.
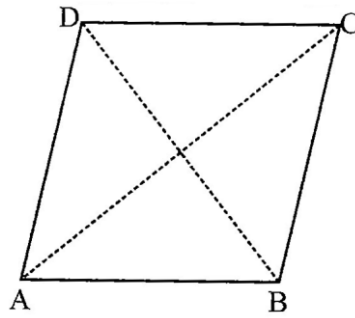
Example:

▪ Letters and line symmetry

▪ There are some letters which do not have any line symmetry.
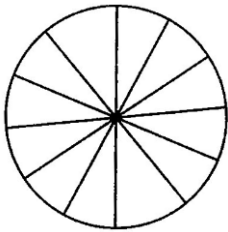
F G J K L N P Q S Z

▪ **Rhombus:**
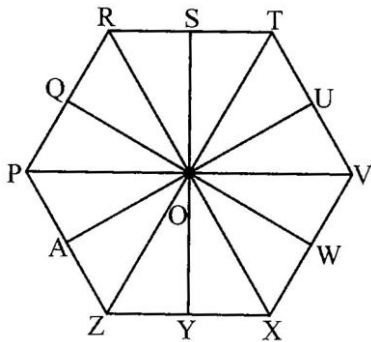
❖ Two lines of symmetry AC and BD

- **Circle:**
  - ❖ Infinite lines of symmetry.

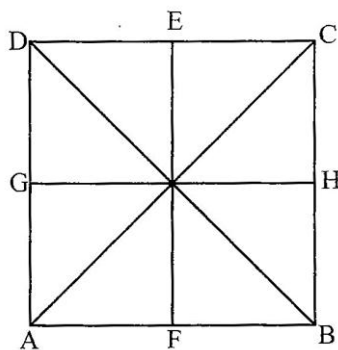- **Regular Hexagon:**
  - ❖ Six lines of symmetry AU, ZT, YS, XR, WQ and VP.

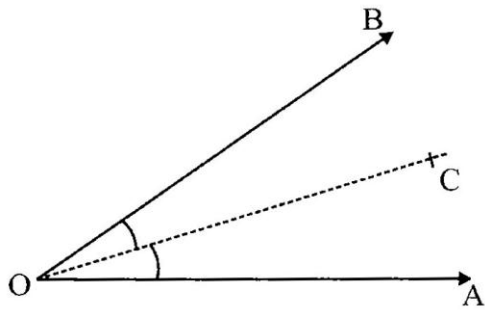**Symmetry of tome Standard Geometrical figure.**

- **Square:**
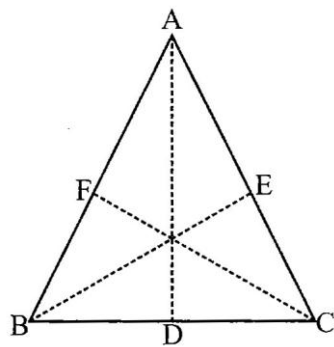 - ❖ Four lines of symmetry AC, BD,GH,EF

- **Angle:**
  - ❖ One lines of symmetry OC

- **Equilateral Triangle:**
  - ❖ Three lines of symmetry AD, BE and FC.

- **Rectangle:**
  - ❖ Two lines of symmetry PQ and RS