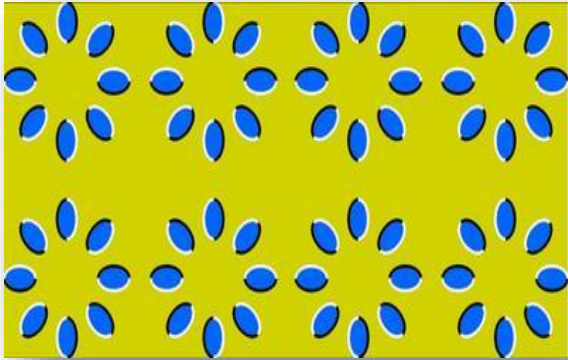# ROTATIONAL SYMMETRY

An object has rotational symmetry if there is a center point around which the object is turned (rotated) a certain number of degrees and the object looks the same. The number of positions in which the object looks exactly the same is called the order of the symmetry
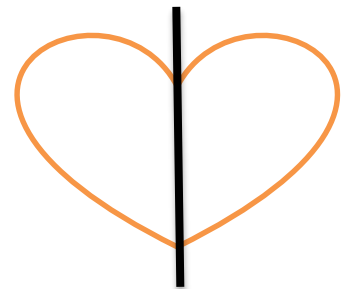
Real life example: In art, rotational symmetry can be used for many kinds of things Like to create shapes or give illusions in an image

LINE SYMMETRY

If you can reflect (or flip) a figure over a line and the figure appears unchanged, then the figure has reflection Symmetry or line symmetry. The line that you reflect over is called the line of symmetry. A line of symmetry divides a figure into two mirror-image halves.

Real life example: Nature has the effect of line symmetry. This butterfly has Line symmetry because if you cut it down the middle it is the same on each side.