

# Symmetry

A line of symmetry in a figure is a line along which the figure can be folded so that both halves can fit exactly on top each other.

Line of symmetry



folding line



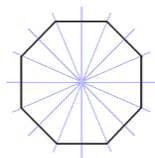
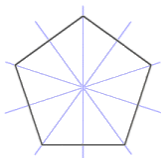
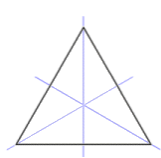
mirror line



mirror line



Many figures can have more than one line of symmetry.



In regular polygons, the number of lines of symmetry equals the number of sides in the polygon.