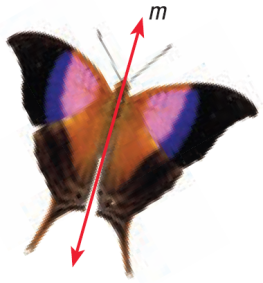
Geometry

9.6 Identify Symmetry

# Line symmetry

reflection

itself

mapped

* The figure can be \_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_ by a \_\_\_\_\_\_\_\_\_\_\_\_

Line of Symmetry

* The line of reflection is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

beautiful

think

Humans

* \_\_\_\_\_\_\_\_\_\_\_\_ tend to \_\_\_\_\_\_\_\_\_\_\_ that symmetry is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many lines of symmetry does the object appear to have?

1 lines

5 lines

4 lines

# Rotational Symmetry

center

less

180°

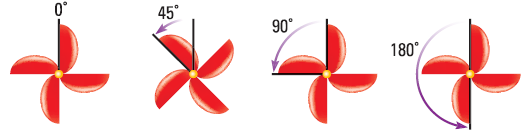
rotation

mapped

* The figure can be \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to itself by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_ or \_\_\_\_\_\_ about the \_\_\_\_\_\_\_\_\_\_\_ of the figure

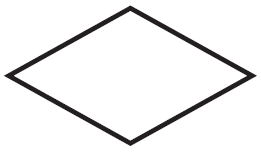
Center of Symmetry

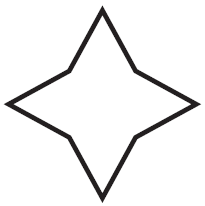
* The center of rotation is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



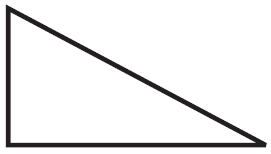
Does the figure have rotational symmetry? What angles?

180°





90°, 180°



none

Assignment: 621 #4-20 even, 24-34 even, 37-45 all = 24