

Geometry 9.6 Identify Symmetry Standard(s): 3, 10 **Vocabulary:** Line of Symmetry: A line of reflection in which a figure can be mapped onto itself. Rotational Symmetry: When a figure can be mapped onto itself by a rotation of <u>180° or less</u> about the center of the figure (a.k.a. center of symmetry). Note: this can be clockwise or counterclockwise. If rotational symmetry exists, find the angle of rotation and write multiples of it up to 180°! How to find the angle of rotation: *n* is the number of vertices, $\frac{360^{\circ}}{2}$









