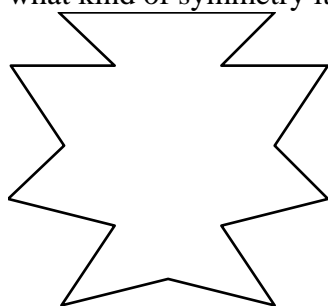


NAME: _____

1. List five objects in nature that have symmetry. Describe the type of symmetry they have.

2. A design was made by cutting off parts of a folded paper. Explain why the design has symmetry and what kind of symmetry it is.



3. Do all regular polygons have rotational symmetry? Make a conjecture about the angle of rotation.

- [1] Check student's work.
- [2] Because the inkblots are made by folding a piece of paper in half, they have line symmetry.
- [3] Yes, the angle is $\frac{360}{n}$ where n is the number of sides of the polygon.