

# Activity 3 Assessment

## Investigating Reflection and Rotation Symmetry

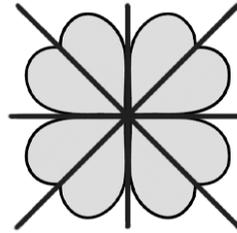
### Understanding Symmetry

Recognizes symmetry on 2-D and 3-D shapes



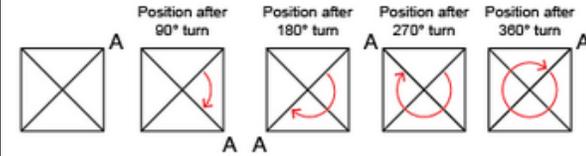
"I used a Mira to find the line of symmetry. When I folded the ladybug in half along the line, the two halves matched exactly."

Shows line(s) of symmetry on 2-D shapes



"I drew 4 lines to show the lines of symmetry on the clover. I used a Mira to check."

Describes order of rotation symmetry of 2-D shapes



"A square has rotation symmetry of order 4."

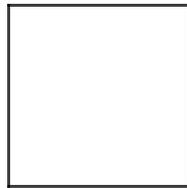
### Observations/Documentation

# Activity 3 Assessment

## Investigating Reflection and Rotation Symmetry

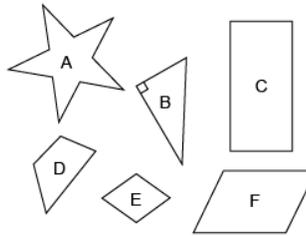
### Understanding Symmetry (cont'd)

Relates number of reflection and rotation symmetries of regular polygons to number of equal sides and angles



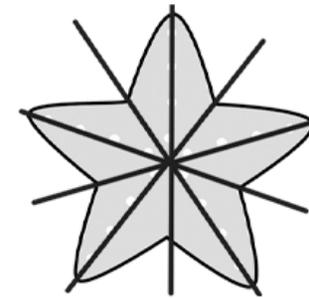
"A square has 4 equal sides and 4 equal angles. So, it has 4 lines of symmetry and order of rotation symmetry 4."

Classifies 2-D shapes by the number of reflection or rotation symmetries



"I classified the shapes by order of rotation symmetry. Shapes B and D have order of rotation symmetry 1, Shapes C, E, and F have order of rotation symmetry 2, and Shape A has order of rotation symmetry 5."

Recognizes line and rotation symmetry in the environment



"A starfish has 5 lines of symmetry and order of rotation symmetry 5."

### Observations/Documentation