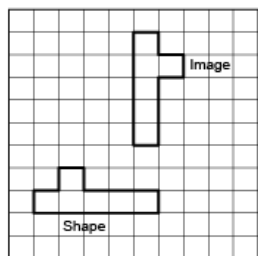


Activity 9 Assessment

Rotating 2-D Shapes

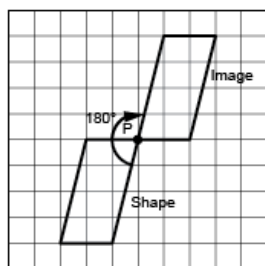
Applying and Visualizing Rotations on a Grid

Identifies rotated 2-D shapes on a grid.



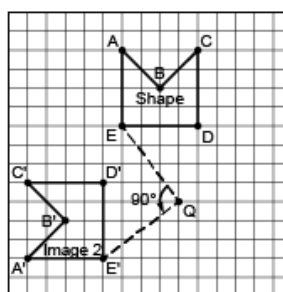
“I know the shape was rotated because the shape and its image are congruent, but the orientation is different.”

Identifies the rotation used to move a shape and the point of rotation.



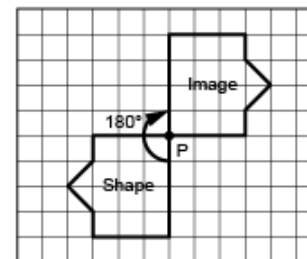
“The shape was rotated 180° about the common vertex P.”

Describes and performs rotations with angles up to 180° .



“I used tracing paper to rotate the shape 90° counterclockwise about Point Q. I labelled matching vertices with the same letter. The vertices of the image have prime symbols.”

Visualizes, predicts, and describes where the image of a shape will be after a rotation.



“I can picture rotating the shape in my mind. The image would face the opposite way and share Vertex P with the shape.”

Observations/Documentation