|  |
| --- |
| **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** |
|  |  |  |  |