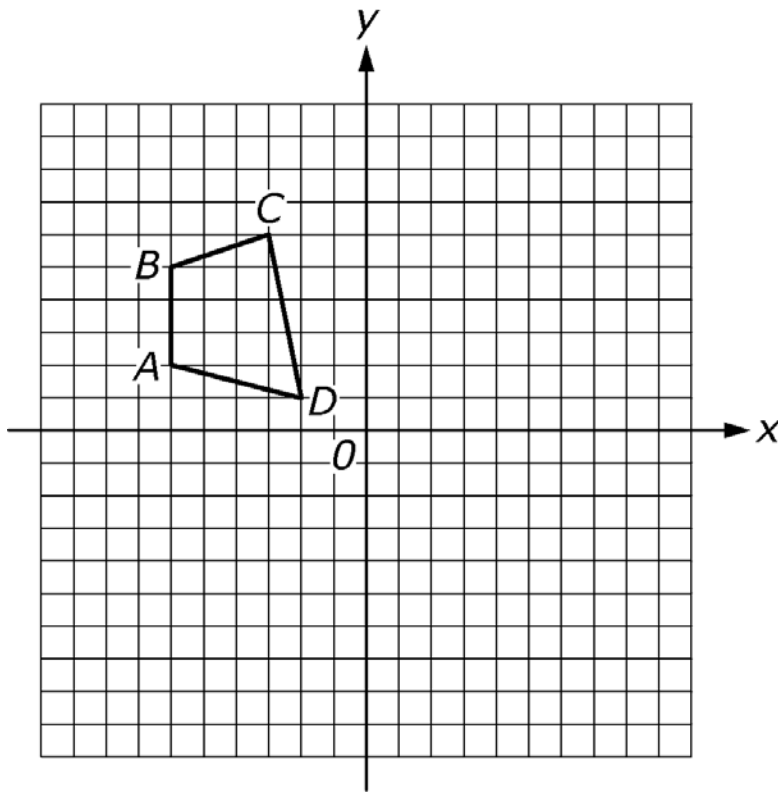


Quadrilateral $ABCD$ is shown in the coordinate plane below.



Part A: Draw an image of quadrilateral $ABCD$ on the coordinate plane quadrant IV, using reflection(s), rotation(s), and/or translation(s), label the image as $EFGH$, and describe the transformation(s) you used.

Part B: Create rules for the coordinate pairs of $EFGH$ based on the transformation(s) that you used on Part A.

Geometry

Score Rubric

Part A	
Score	Description
3	Student response includes the following 3 elements: * Graph a quadrilateral that is congruent to ABCD * The image is located on the quadrant IV * The description of transformation(s) match the image on the coordinate plane.
2	Student response includes 2 of the 3 elements
1	Student response includes 1 of the 3 elements
0	Student response is incorrect or irrelevant.
Part B	
Score	Description
2	Student response includes the following elements: * Correct rule for x coordinate based on the transformation(s) on Part A * Correct rule for y coordinate based on the transformation(s) on Part A
1	Student response includes 1 of 2 elements
0	Student response is incorrect or irrelevant