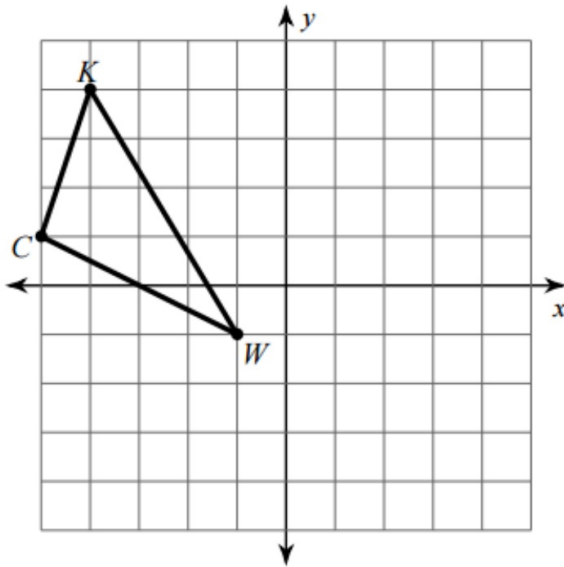


Name _____

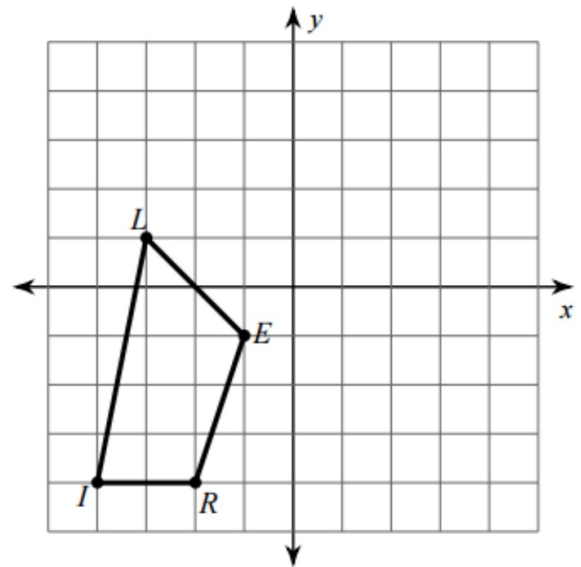
Reflections and Translations

Graph the image of the figure using the transformation given.

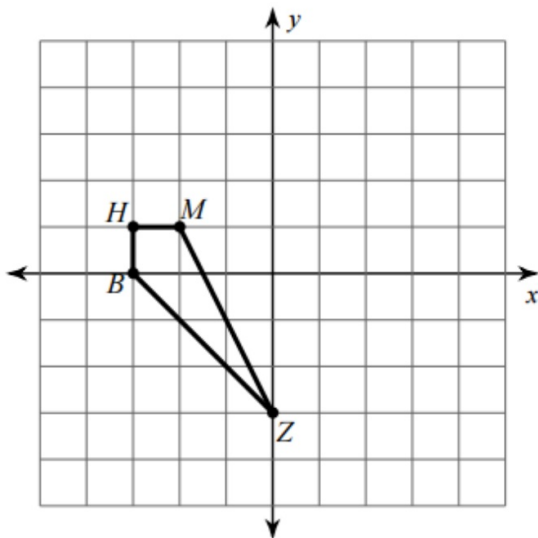
1) reflection across the x-axis



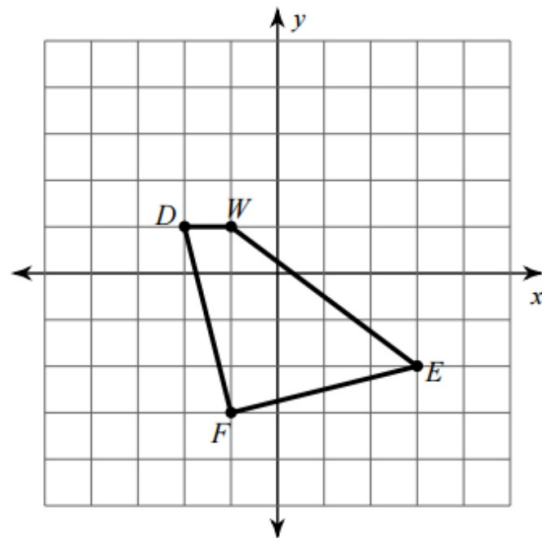
2) translation: 4 units up



3) reflection across the y-axis

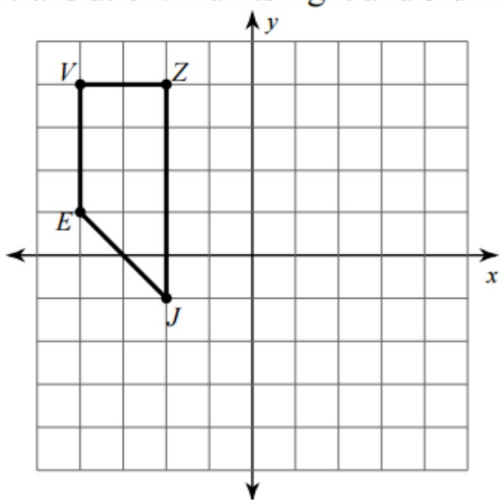


4) translation: 1 unit left and 2 units up

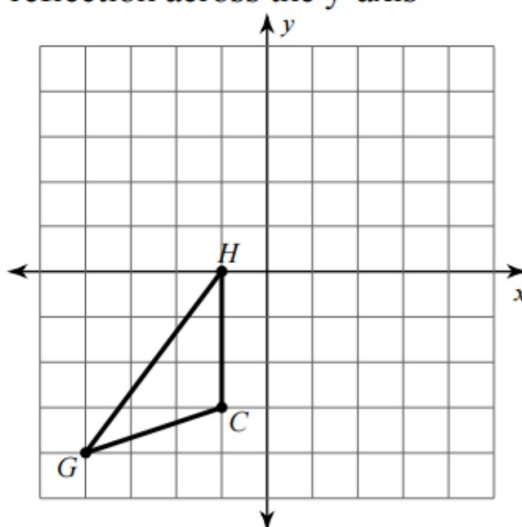


Find the coordinates of the vertices of each figure after the given transformation.

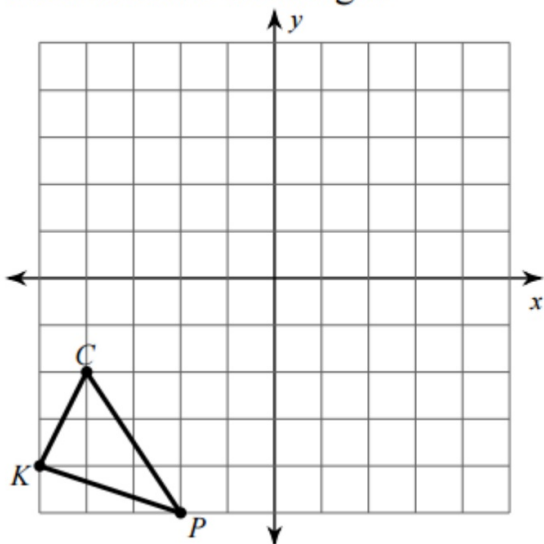
5) translation: 2 units right and 3 units down



6) reflection across the y-axis



7) translation: 3 units right



8) translation: $(x, y) \rightarrow (x - 4, y + 5)$

