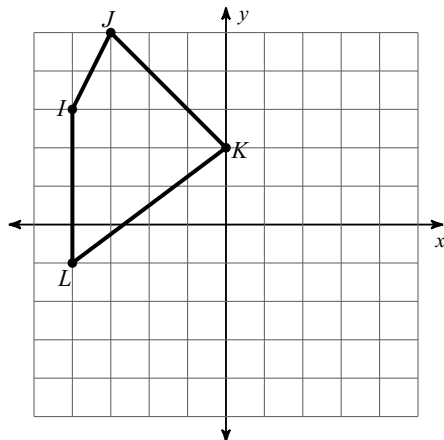


All Transformations

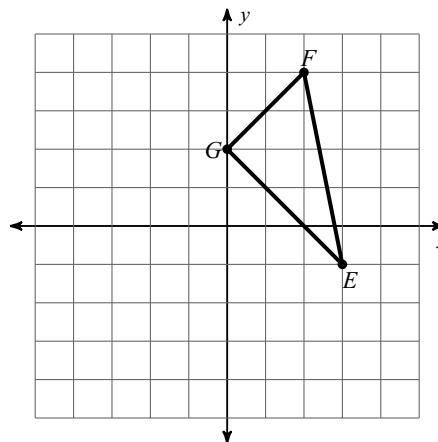
Date _____ Period _____

Graph the image of the figure using the transformation given.

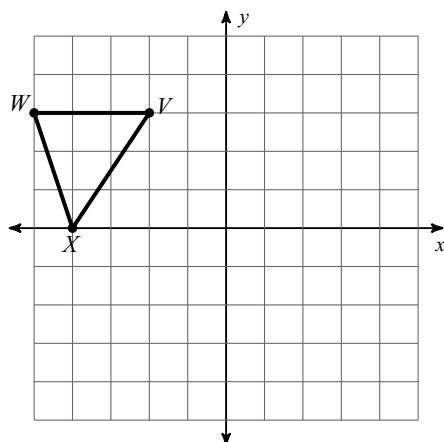
- 1) rotation
- 90°
- counterclockwise about the origin



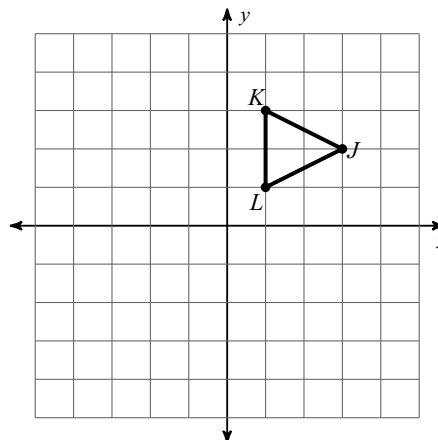
- 2) rotation
- 180°
- about the origin



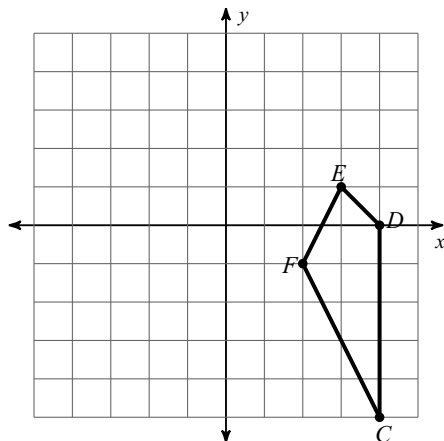
- 3) rotation
- 180°
- about the origin



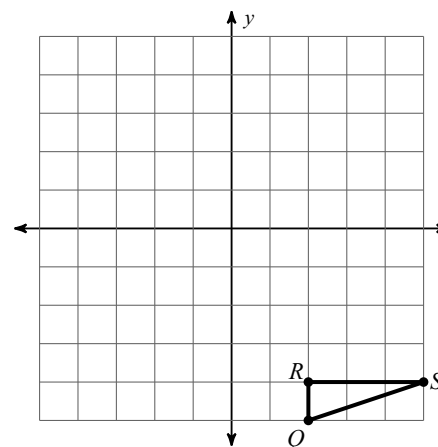
- 4) rotation
- 90°
- counterclockwise about the origin



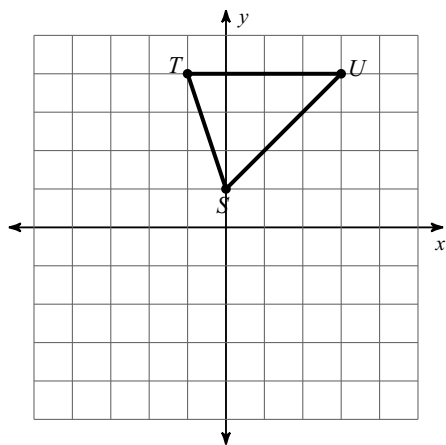
- 5) reflection across the x-axis



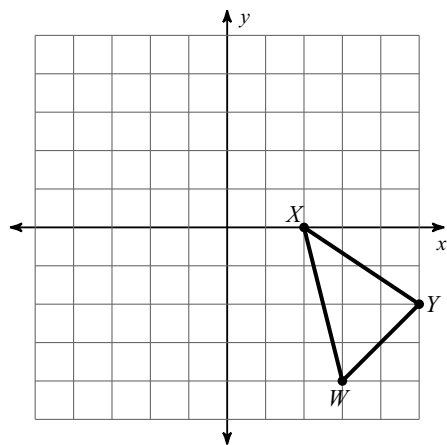
- 6) reflection across
- $y = x$



7) translation: $(x, y) \rightarrow (x + 1, y - 3)$



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

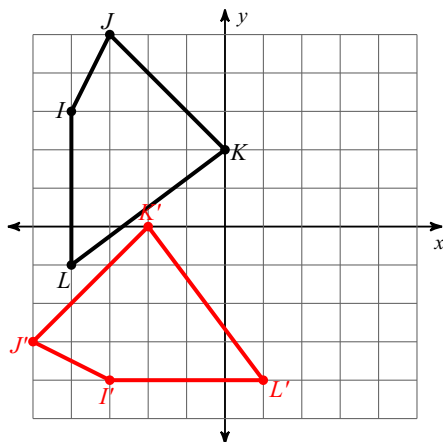


All Transformations

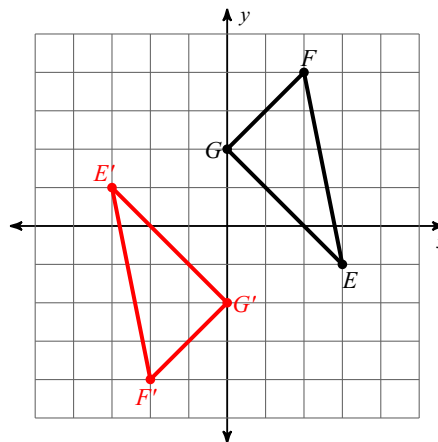
Date _____ Period _____

Graph the image of the figure using the transformation given.

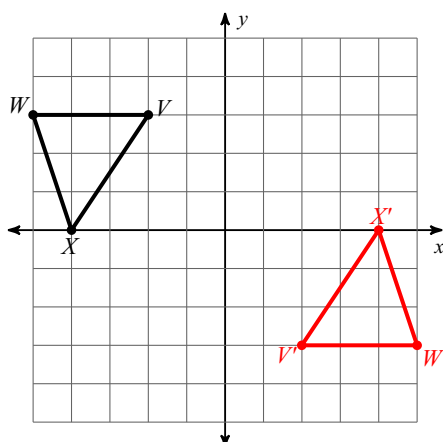
- 1) rotation
- 90°
- counterclockwise about the origin



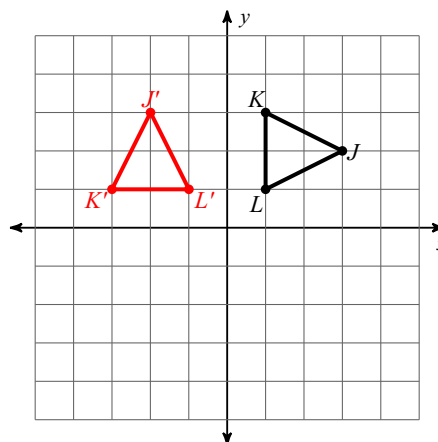
- 2) rotation
- 180°
- about the origin



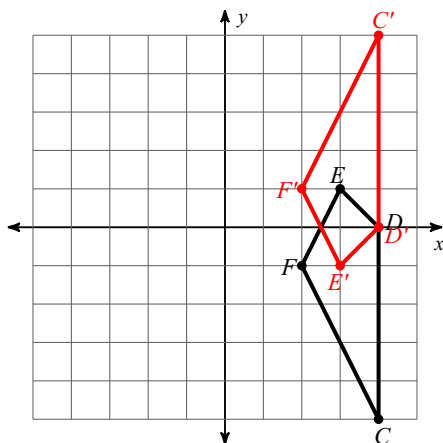
- 3) rotation
- 180°
- about the origin



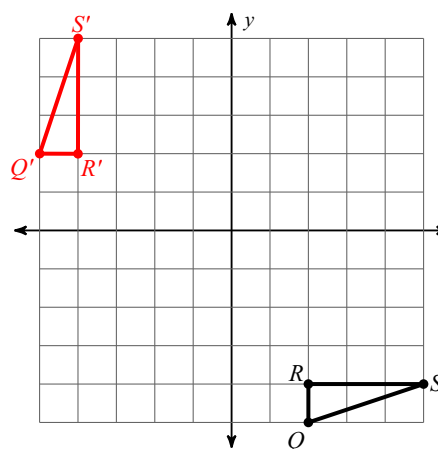
- 4) rotation
- 90°
- counterclockwise about the origin



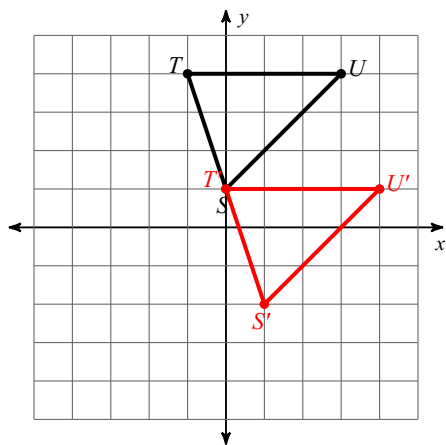
- 5) reflection across the x-axis



- 6) reflection across
- $y = x$



7) translation: $(x, y) \rightarrow (x + 1, y - 3)$



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

