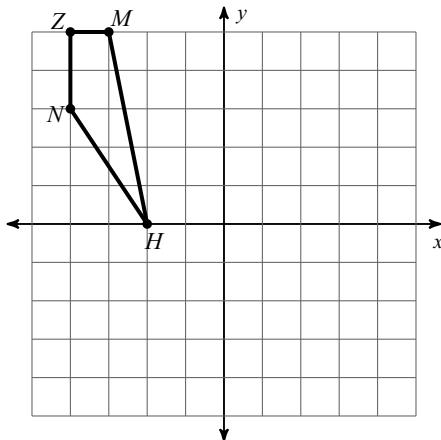
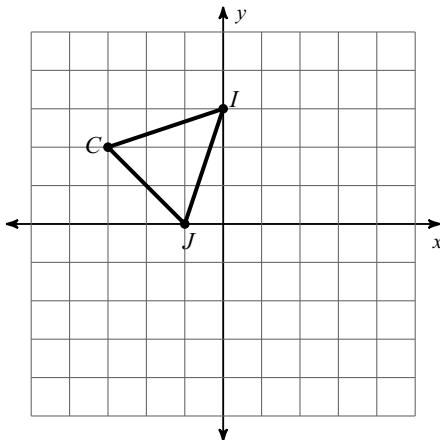


**Graphing Rotations****Graph the image of the figure using the transformation given.**

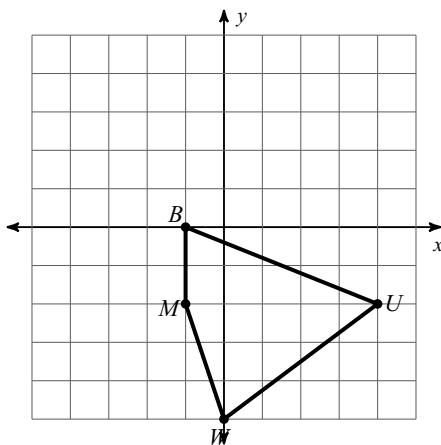
- 1) rotation
- $90^\circ$
- clockwise about the origin



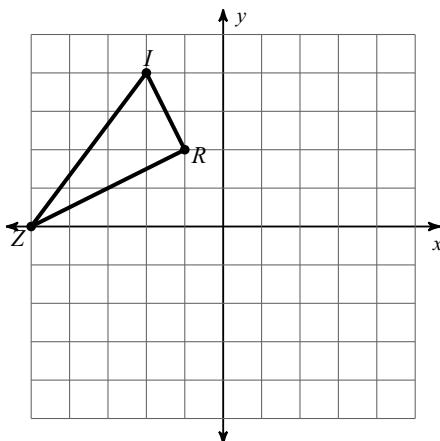
- 2) rotation
- $90^\circ$
- clockwise about the origin



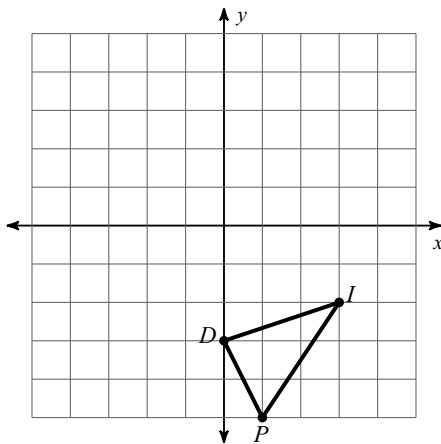
- 3) rotation
- $90^\circ$
- counterclockwise about the origin



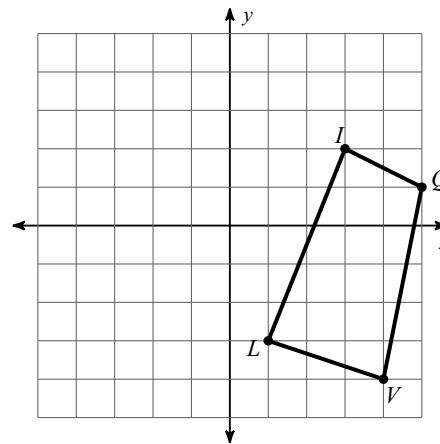
- 4) rotation
- $180^\circ$
- about the origin



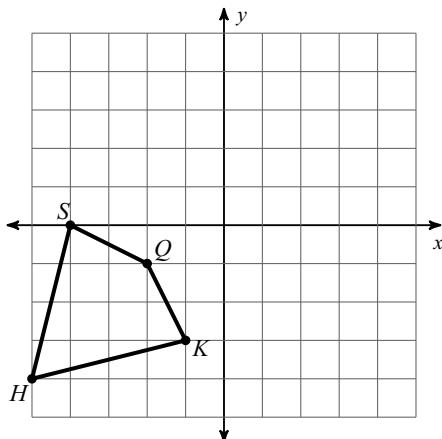
- 5) rotation
- $180^\circ$
- about the origin



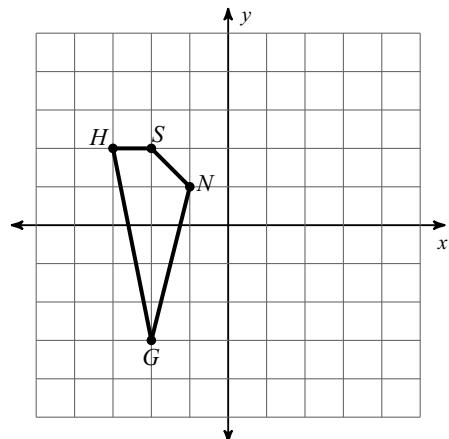
- 6) rotation
- $180^\circ$
- about the origin



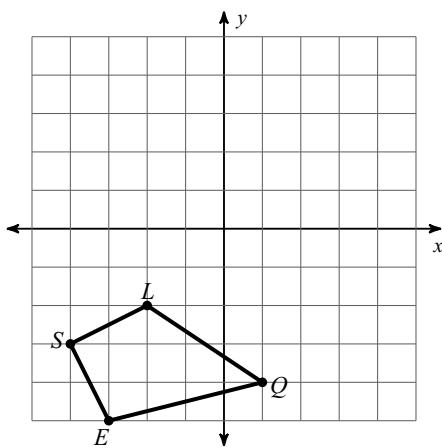
7) rotation  $180^\circ$  about the origin



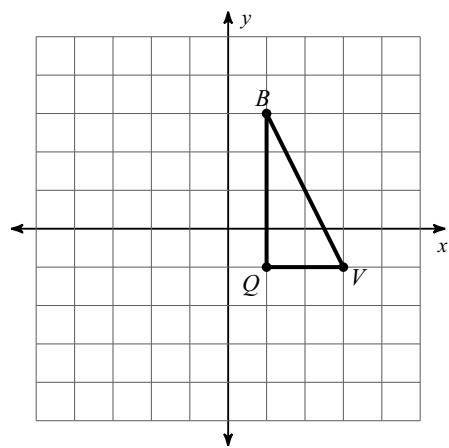
8) rotation  $180^\circ$  about the origin



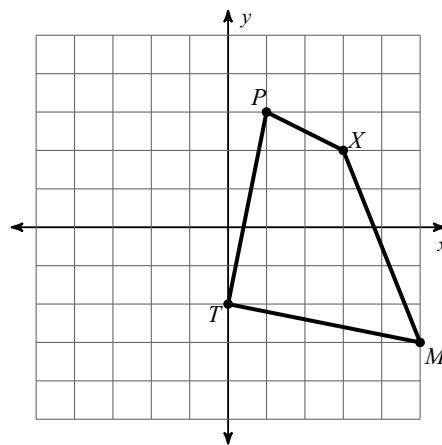
9) rotation  $180^\circ$  about the origin



10) rotation  $180^\circ$  about the origin



11) rotation  $180^\circ$  about the origin



12) rotation  $90^\circ$  counterclockwise about the origin

