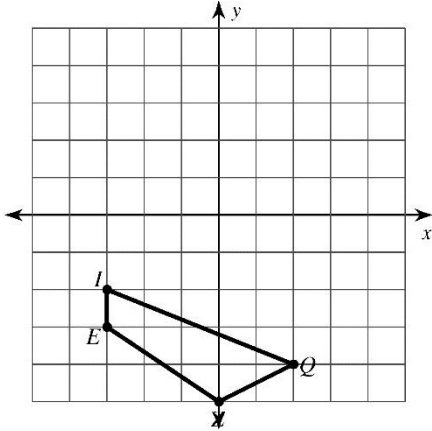


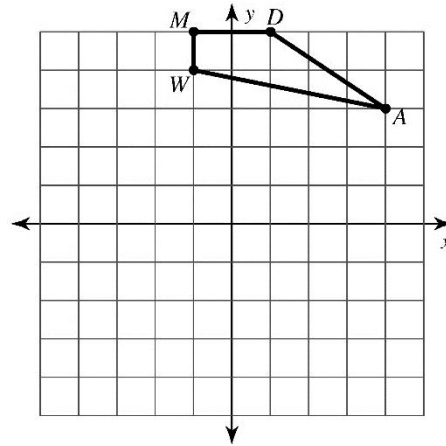
9.3 – Reflections

Find the image of the figure using the transformation given.

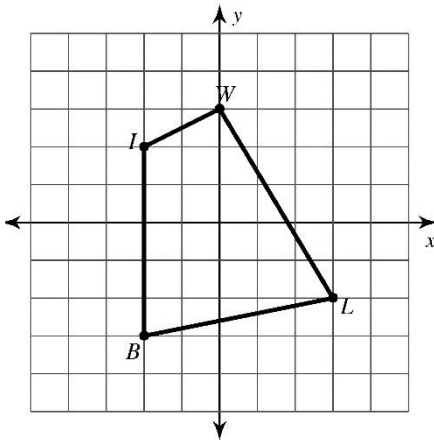
- 1) Reflection across $y = -2$



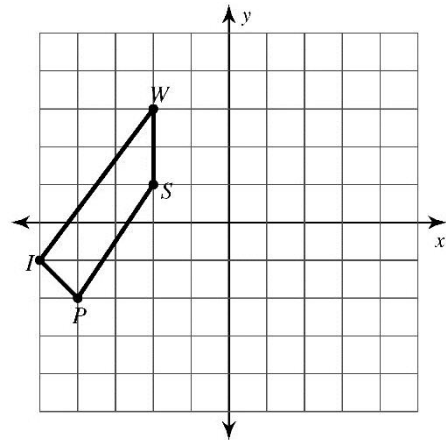
- 2) Reflection across the x -axis



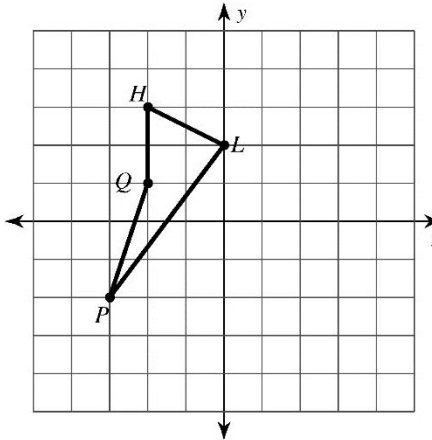
- 3) Reflection across $y = -1$



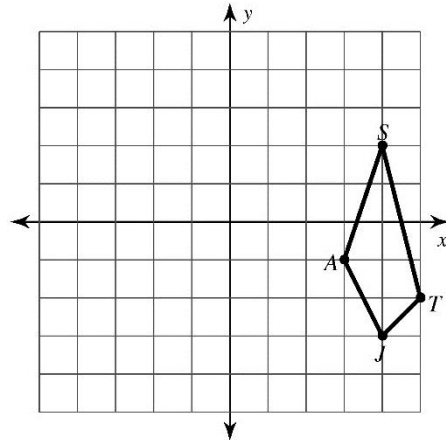
- 4) Reflection across $x = -3$



- 5) Reflection across $y = -1$

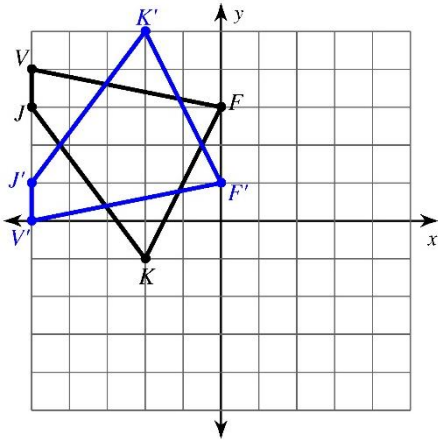


- 6) Reflection across $y = -x$

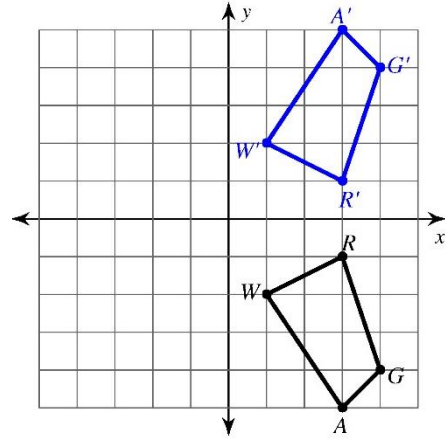


Write a rule for the reflection.

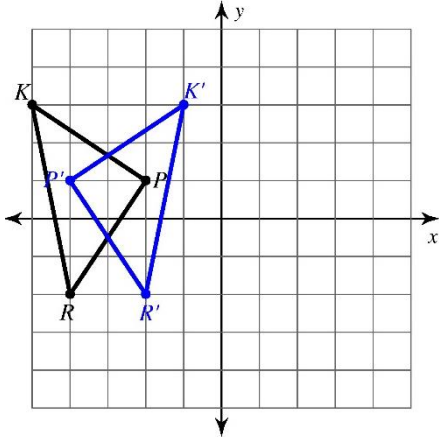
7) _____



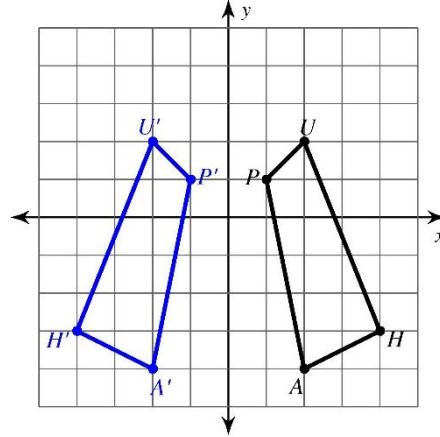
8) _____



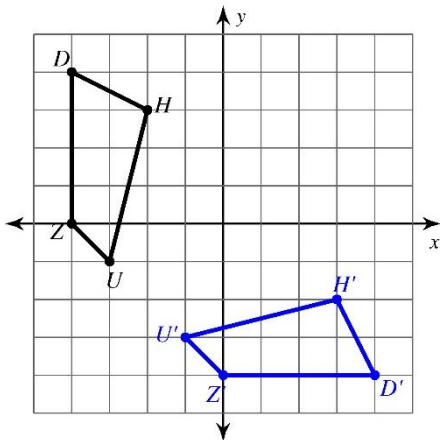
9) _____



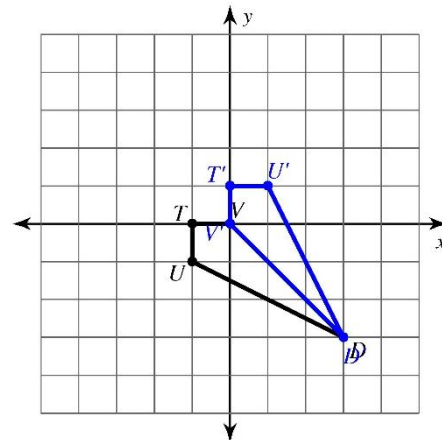
10) _____



11) _____



12) _____



13) Point A on a coordinate grid is at (3, 4). If the point is reflected across the line $y = x$, what are the coordinates of its image?

14) Point Z on a coordinate grid is at (-1, 3). If the point is reflected across the line $y = -x$, what are the coordinates of its image?