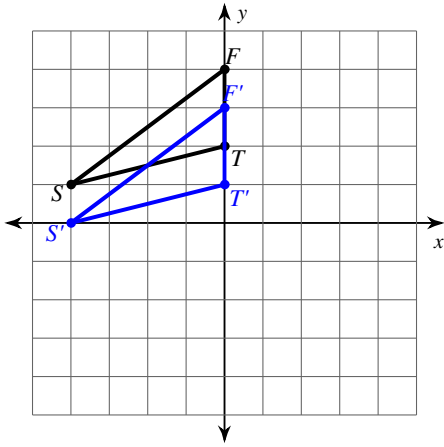


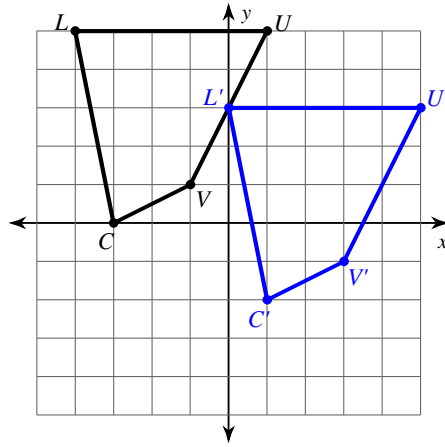
Transformations

Write a rule to describe each transformation.

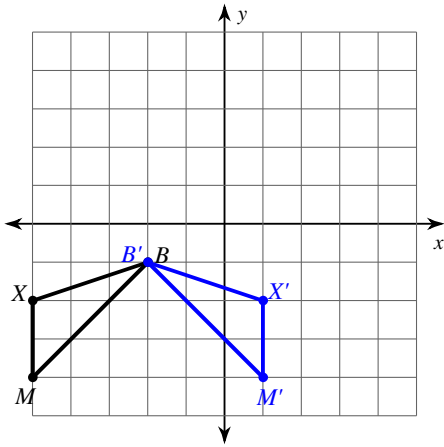
1)



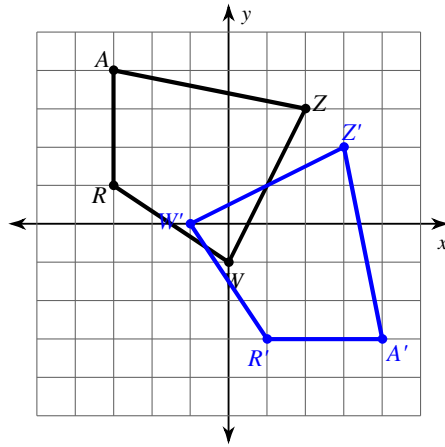
2)



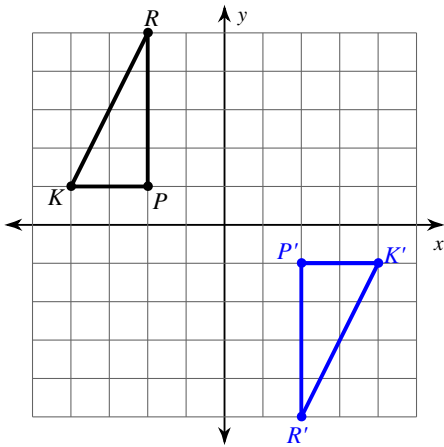
3)



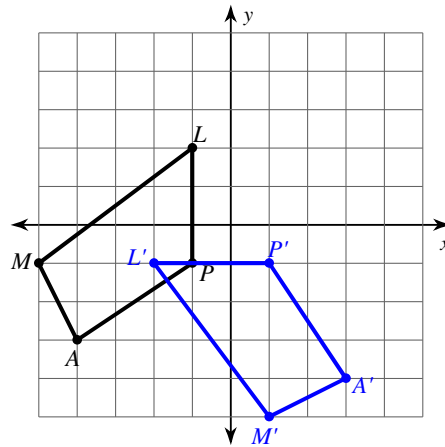
4)



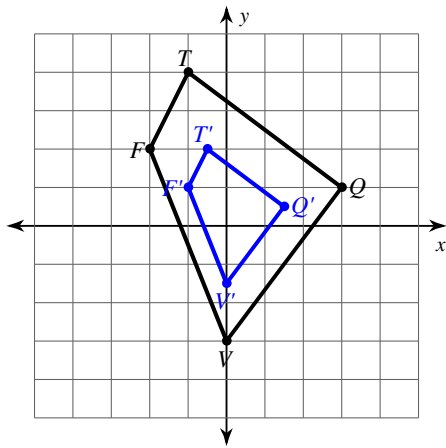
5)



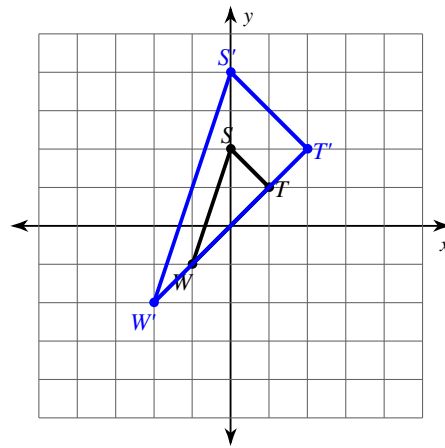
6)



7)

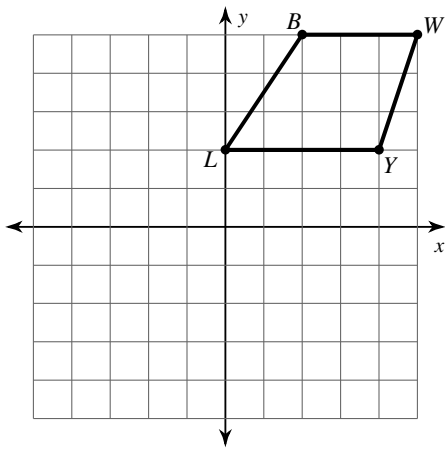


8)

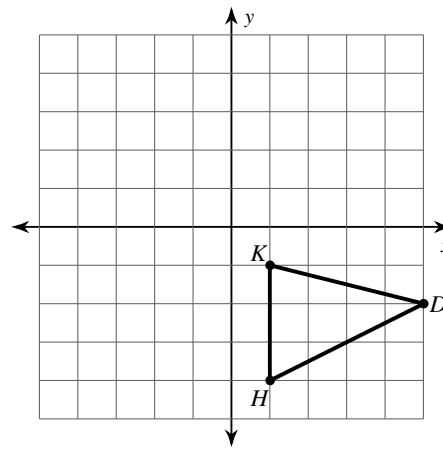


Graph the image of the figure using the transformation given.

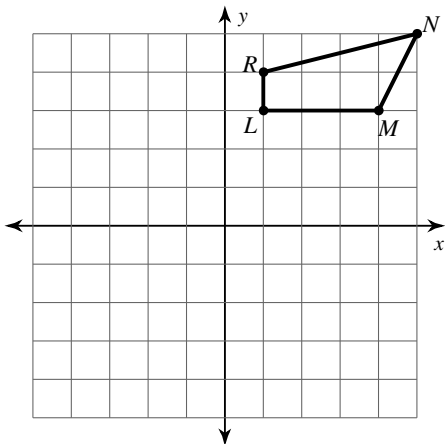
9) translation: 5 units down



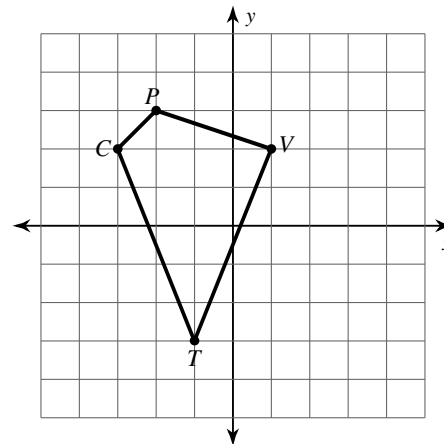
10) translation: 4 units left and 5 units up



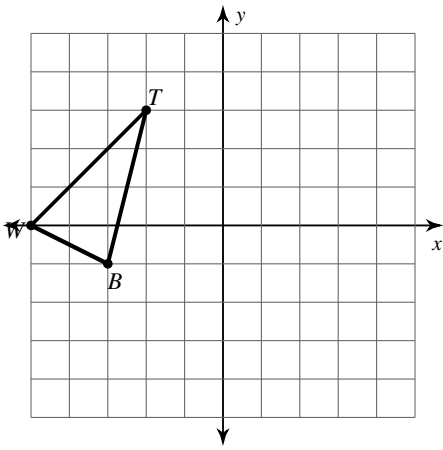
11) reflection across $x = 3$



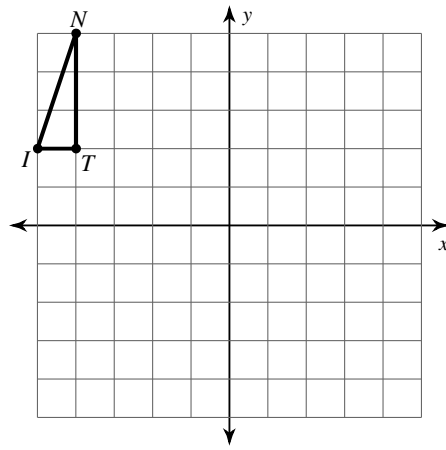
12) reflection across $y = -x$



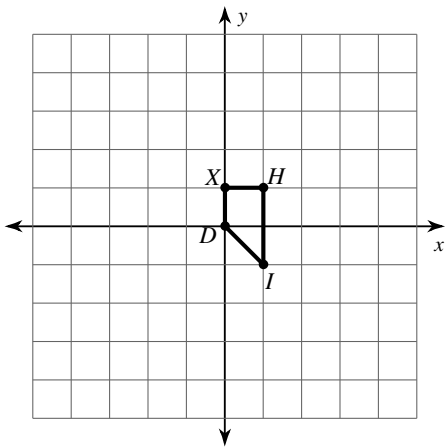
13) rotation 180° about the origin



14) rotation 90° clockwise about the origin



15) dilation of 2



16) dilation of $\frac{1}{2}$

