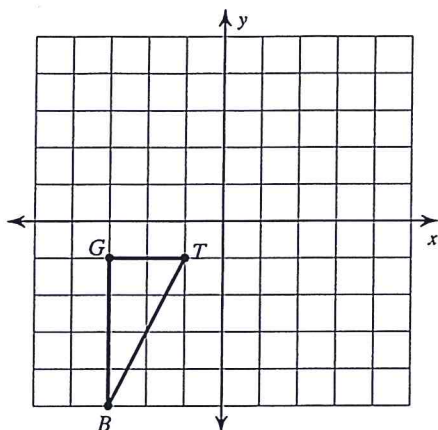


Translations

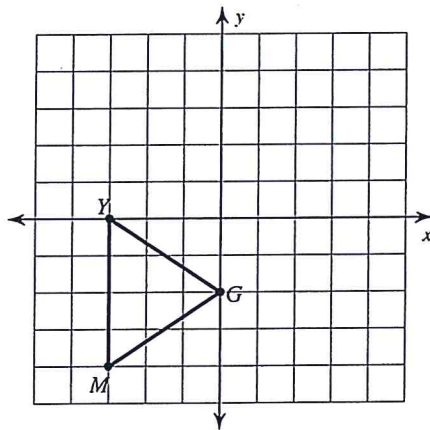
Date _____ Period _____

Graph the image of the figure using the transformation given.

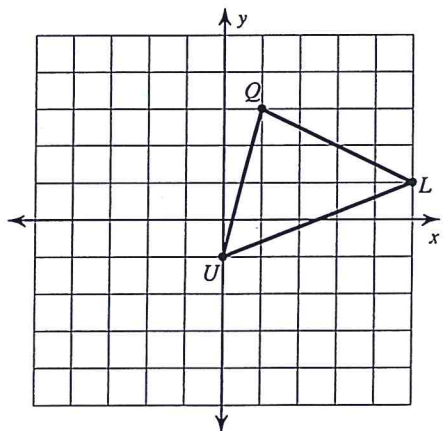
- 1) translation: 5 units right and 1 unit up



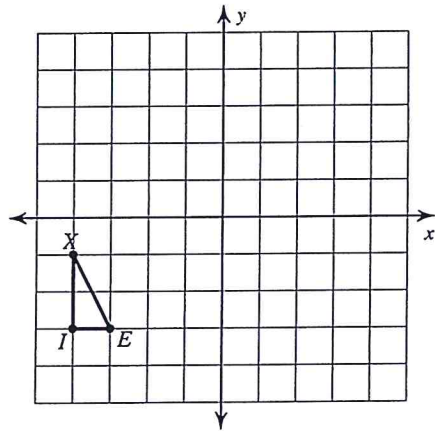
- 2) translation: 1 unit left and 2 units up



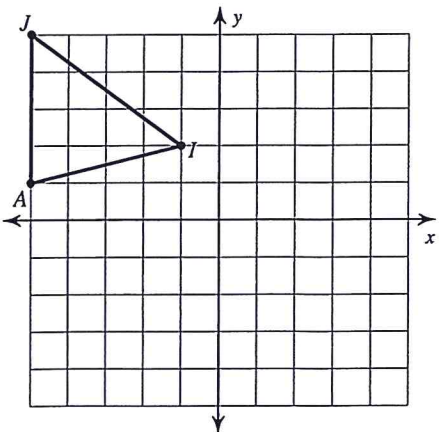
- 3) translation: 3 units down



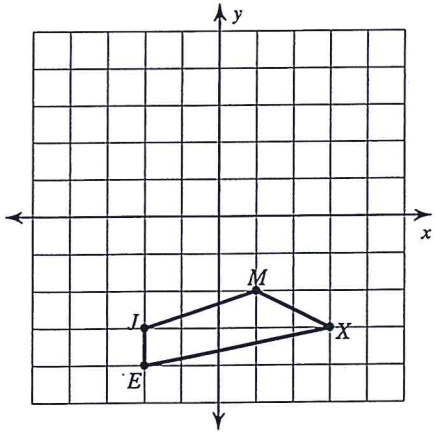
- 4) translation: 5 units right and 2 units up



- 5) translation: 4 units right and 4 units down

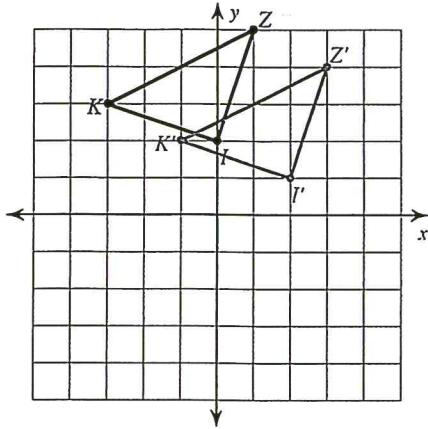


- 6) translation: 2 units right and 3 units up

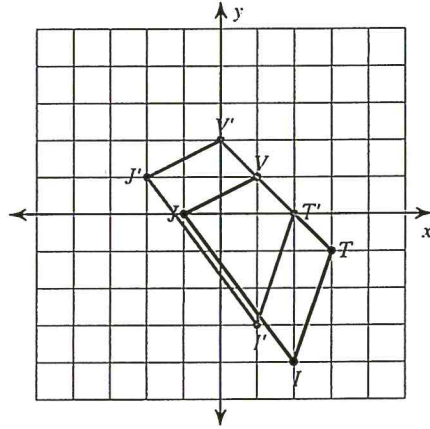


Write a rule to describe each transformation. *Both mapping and in words.*

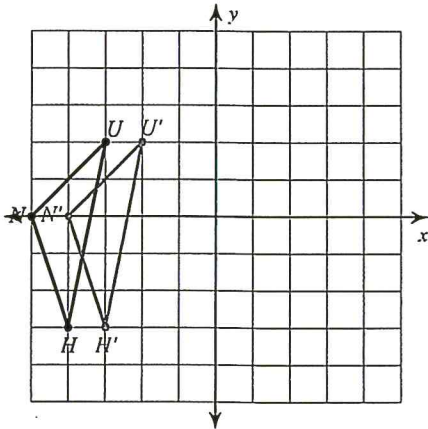
7)



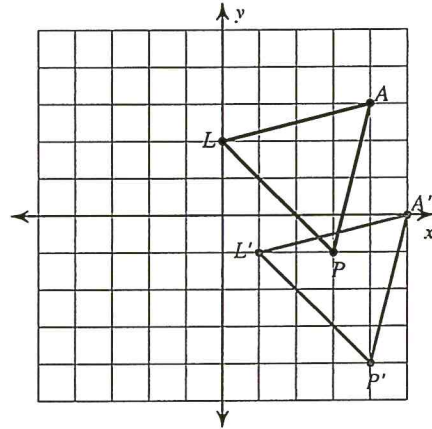
8)



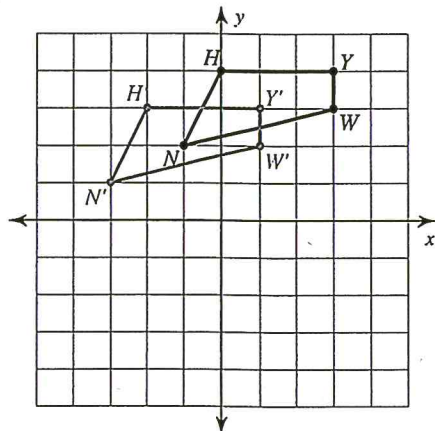
9)



10)



11)



12)

