

17. Translations in the Plane
 Geometry
 O'Reilly
 Translations

Name _____

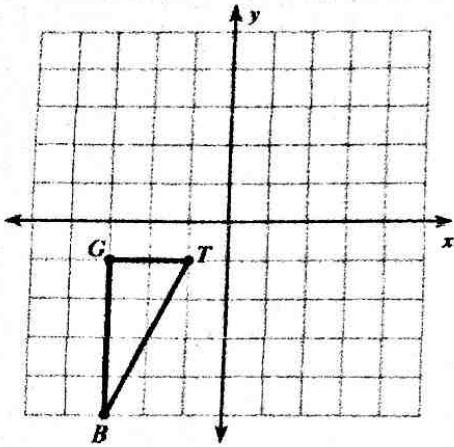
Date _____

Period _____

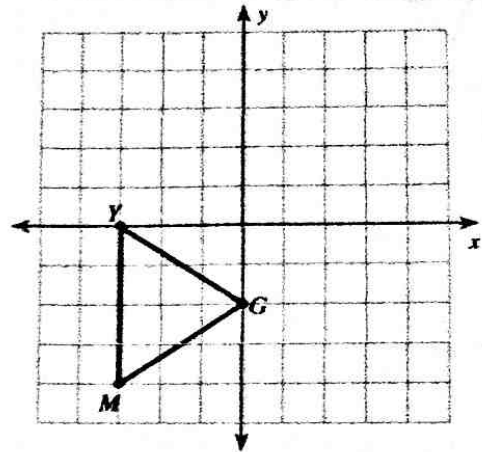
rule

Graph the image of the figure using the transformation given.

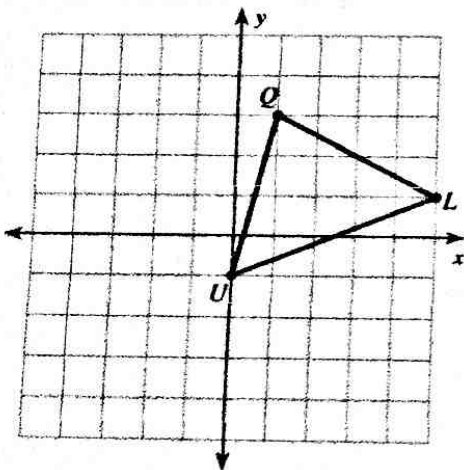
1) $(x, y) \rightarrow (x+5, y+1)$



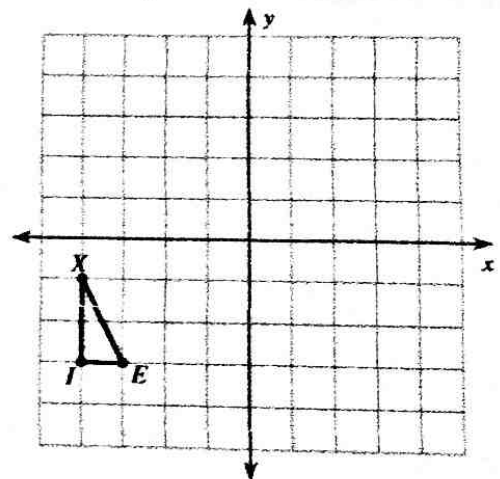
2) $(x, y) \rightarrow (x-1, y+2)$



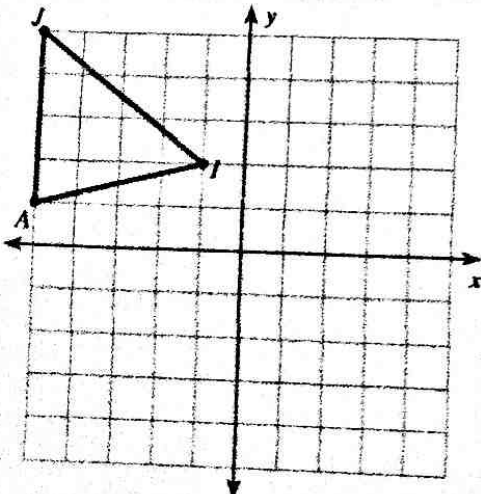
3) $(x, y) \rightarrow (x, y-3)$



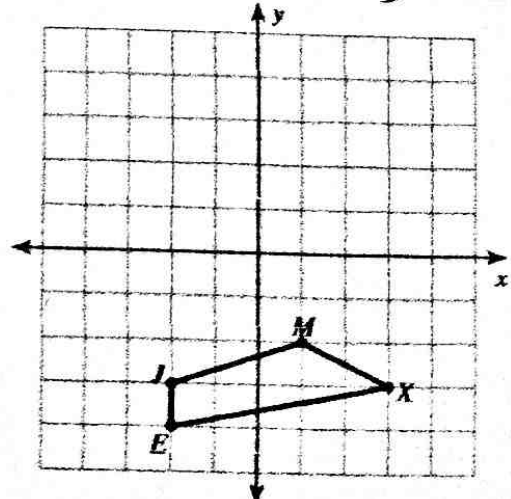
4) $(x, y) \rightarrow (x+5, y+2)$



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

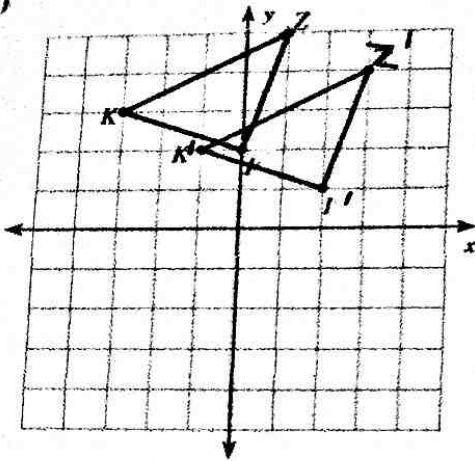


6) $(x+2, y+3)$

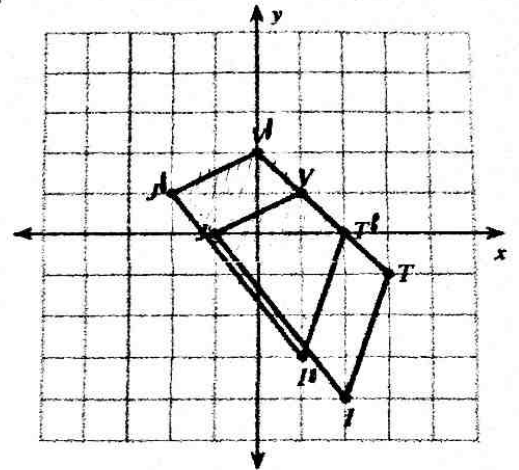


Write a rule to describe each transformation.

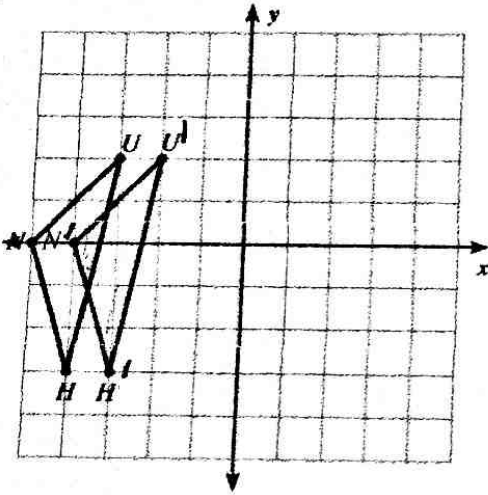
7)



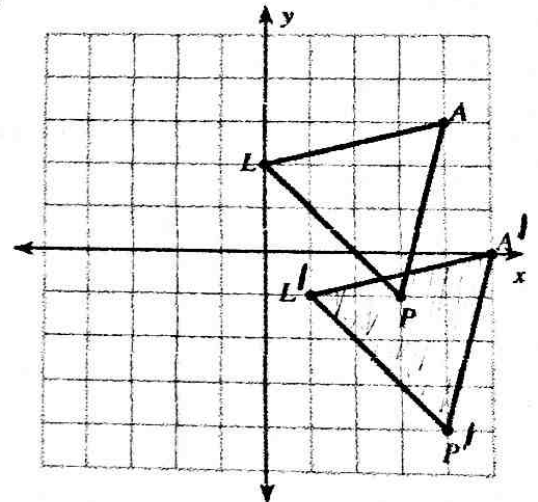
8)



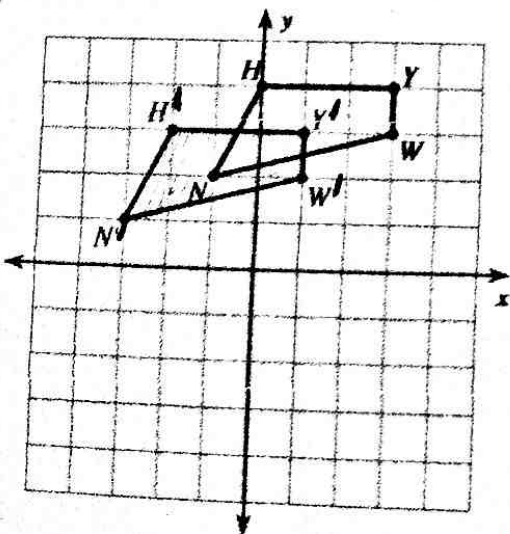
9)



10)



11)



12)

