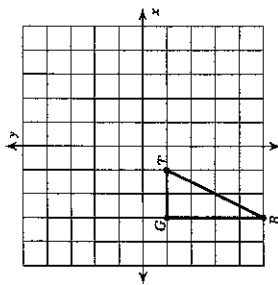


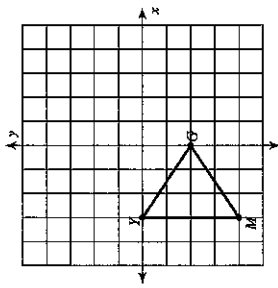
Translations

Graph the image of the figure using the transformation given.

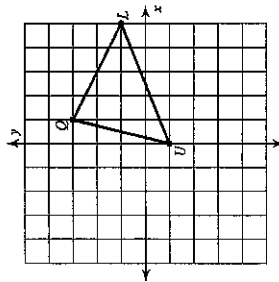
1) translation: 5 units right and 1 unit up



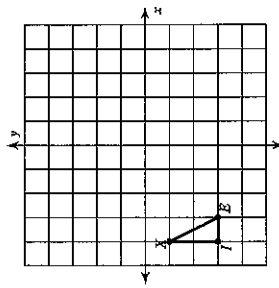
2) translation: 1 unit left and 2 units up



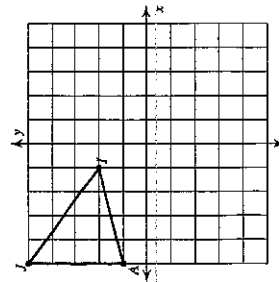
3) translation: 3 units down



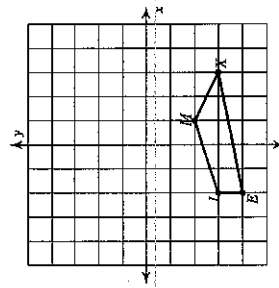
4) translation: 5 units right and 2 units up



5) translation: 4 units right and 4 units down

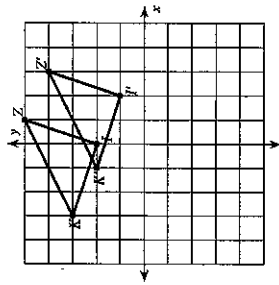


6) translation: 2 units right and 3 units up

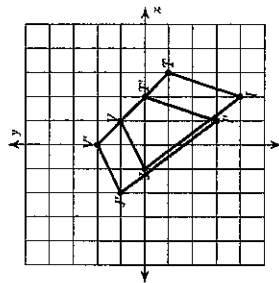


Write a rule to describe each transformation.

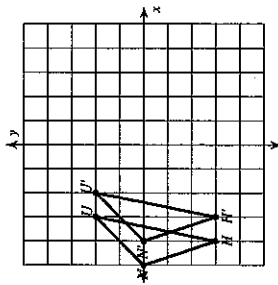
7)



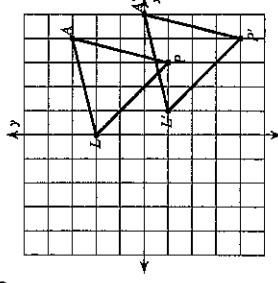
8)



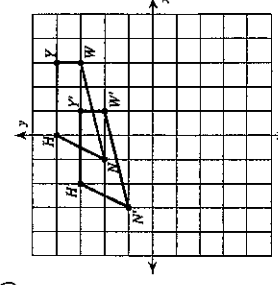
9)



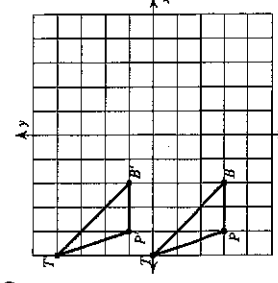
10)



11)

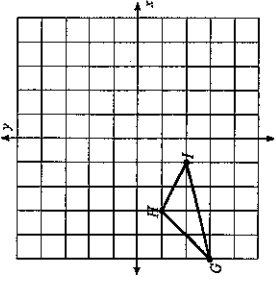


12)

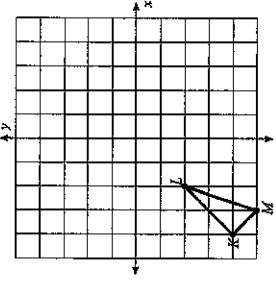


Graph the image of the figure using the transformation given.

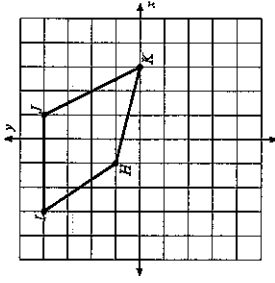
8) translation: $(x, y) \rightarrow (x + 4, y + 6)$



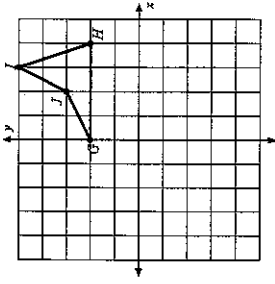
7) translation: $(x, y) \rightarrow (x + 6, y + 3)$



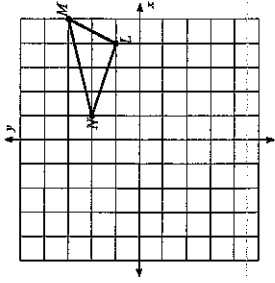
10) translation: $(x, y) \rightarrow (x - 2, y)$



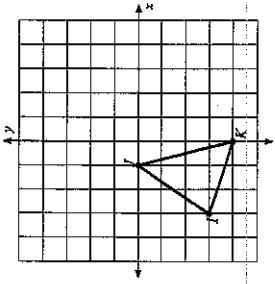
9) translation: $(x, y) \rightarrow (x - 2, y - 2)$



12) translation: $(x, y) \rightarrow (x, y - 2)$

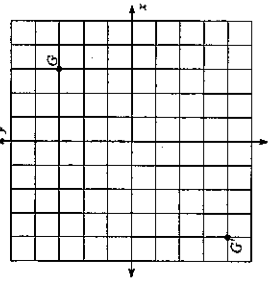


11) translation: $(x, y) \rightarrow (x, y + 4)$

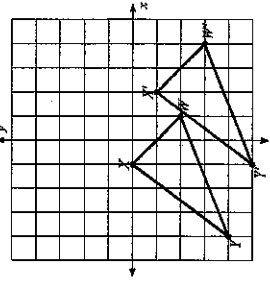


Write a rule to describe each transformation.

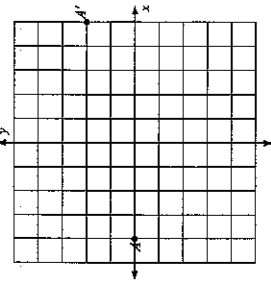
1)



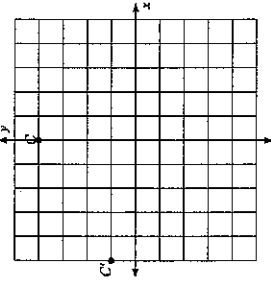
2)



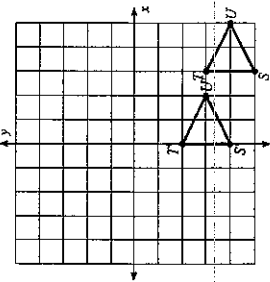
3)



4)



5)



6)

