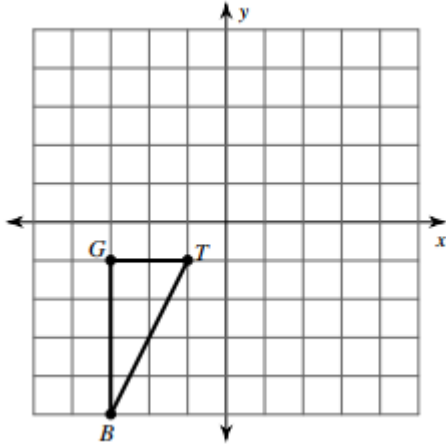


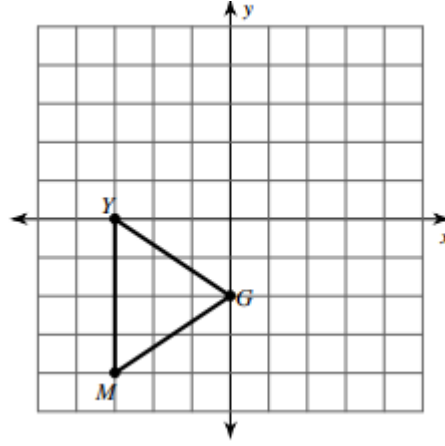
Translations

For each question use the graph or plot the given points and connect them to make the desired shape. Label the vertices of the original shape. Graph and label the transformation of the original shape according to the given rule.

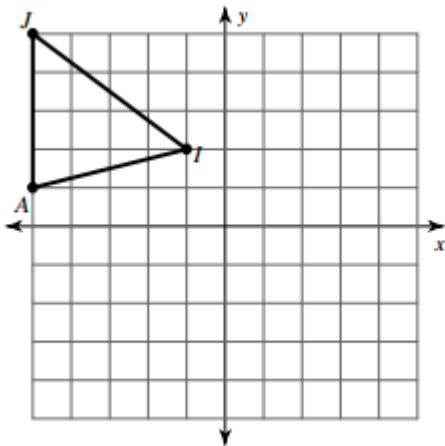
1. 3 units right and 2 units up.



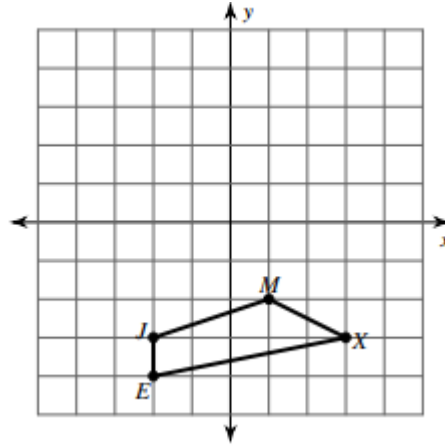
3. $(x, y) \rightarrow (x - 2, y + 4)$



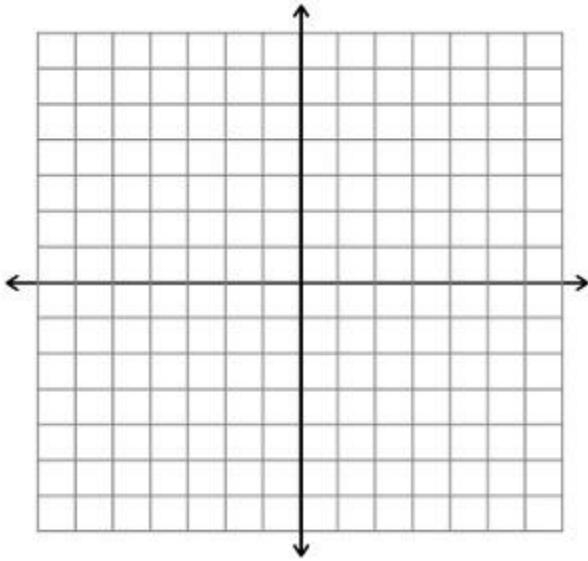
2. 5 units right and 4 units down



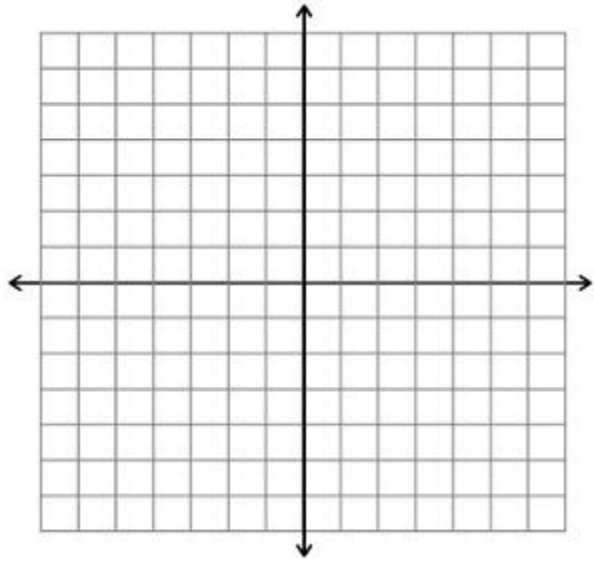
4. $(x, y) \rightarrow (x + 2, y + 6)$



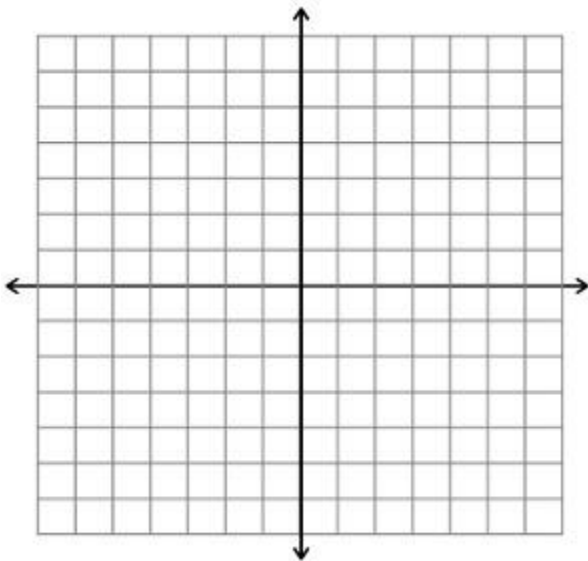
5. Triangle $A(-4,0), B(-5,-2), C(0,-3)$.
Right 5 units and up 3 units.



6. Quadrilateral $A(0,-1), B(3,-2), C(-1,-5), D(-3,-2)$.
Left 3 units and 2 units down.



7. Triangle $A(-5,1), B(-4,2), C(-5,4)$.
 $(x, y) \rightarrow (x+3, y-4)$



8. Quadrilateral $A(0,1), B(-3,1), C(-4,-2), D(1,-4)$.
 $(x, y) \rightarrow (x-1, y+5)$

