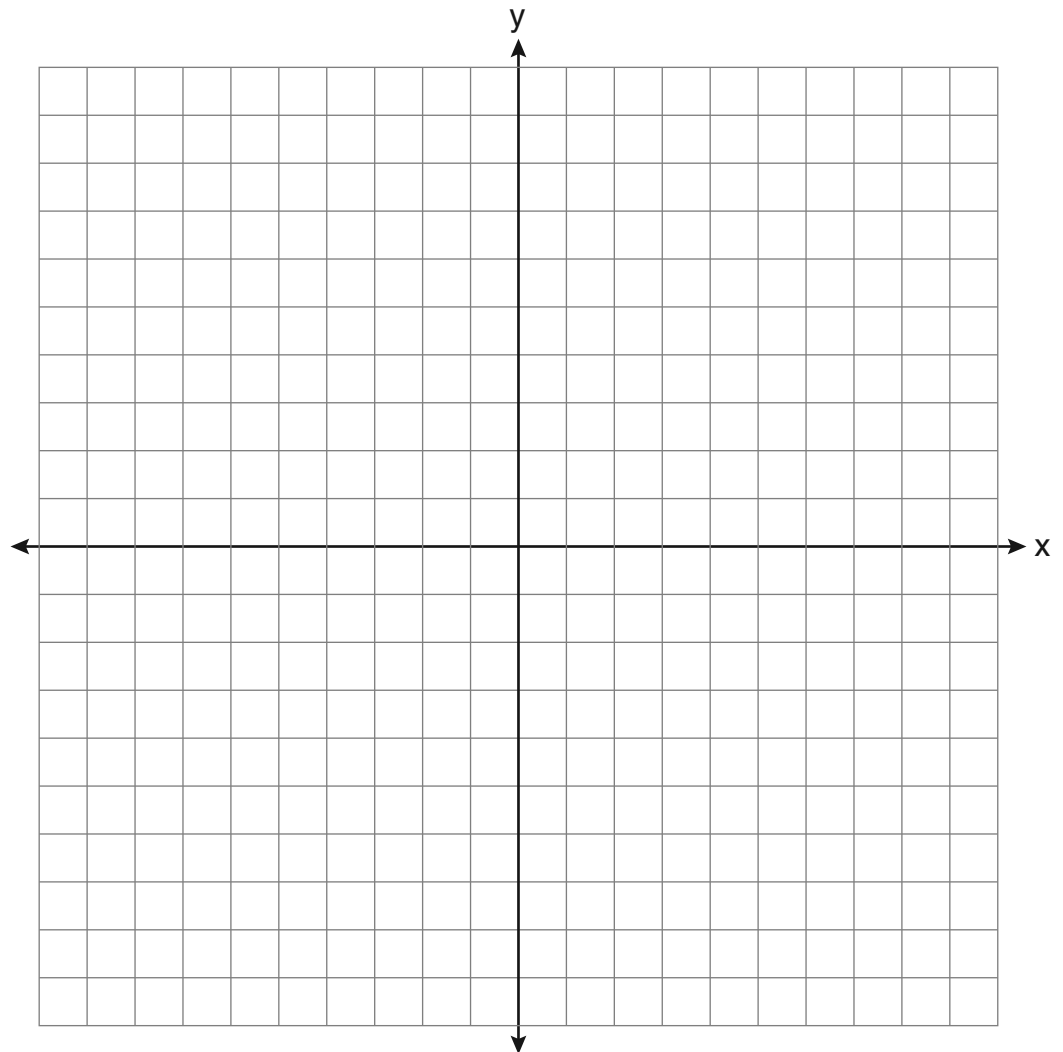


Homework: Rigid motions (Isometries)

1. Make both a table and a labeled graph

What is the image of triangle ABC after the transformation $T_{5,1} \circ r_{x\text{-axis}}$.
 $A(-6, -6)$, $B(-3, -1)$, $C(-2, -4)$. Write down the coordinates after each transformation and plot and label all three triangles on the grid.



Justify that the area of the 3 triangles is preserved.