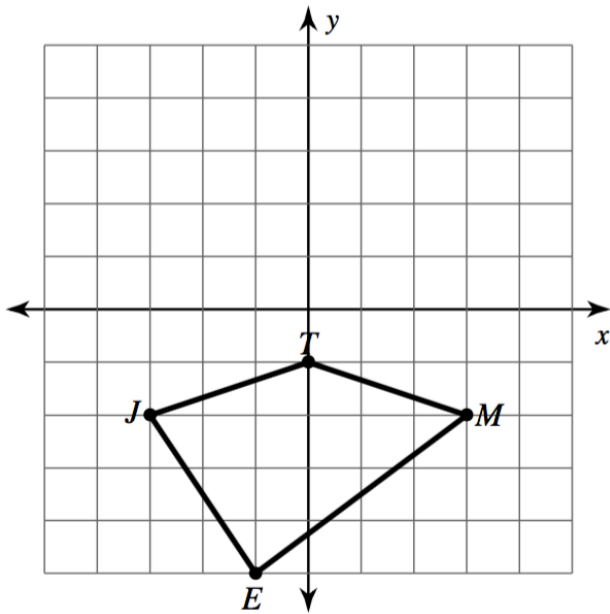


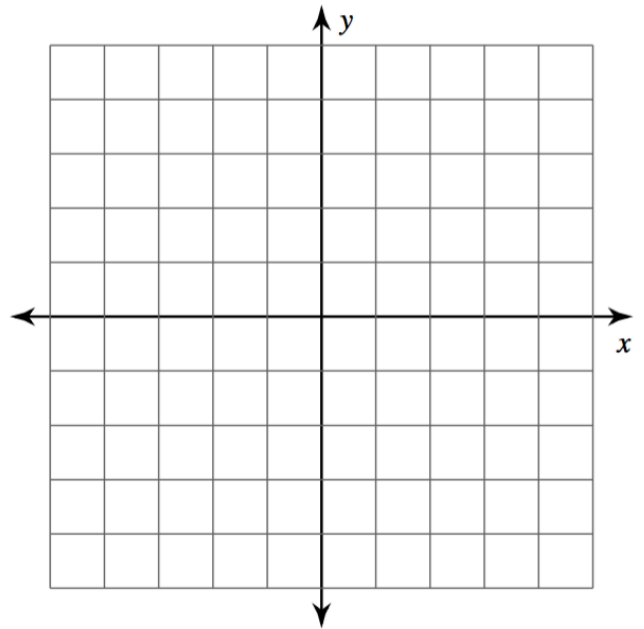
Assignment 7.1 – Geometric Transformation

Graph the image of the figure using the transformation given, label the using A' notation.

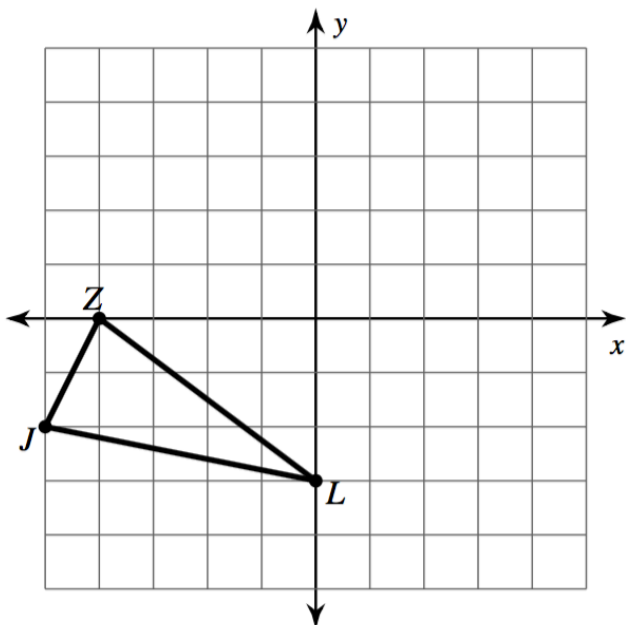
1. Translate the image given the rule $(x - 2, y + 4)$



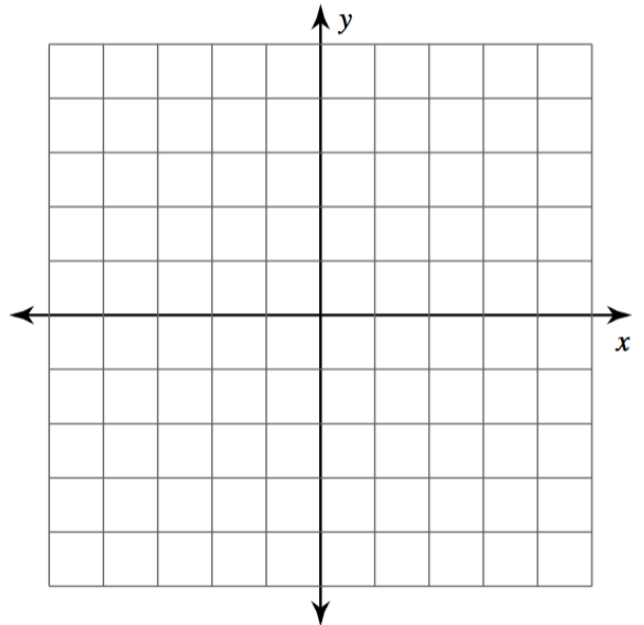
2. Translate: $S(-3,3), C(-1,4), W(-2,-1)$ with the given rule $(x + 6, y - 3)$



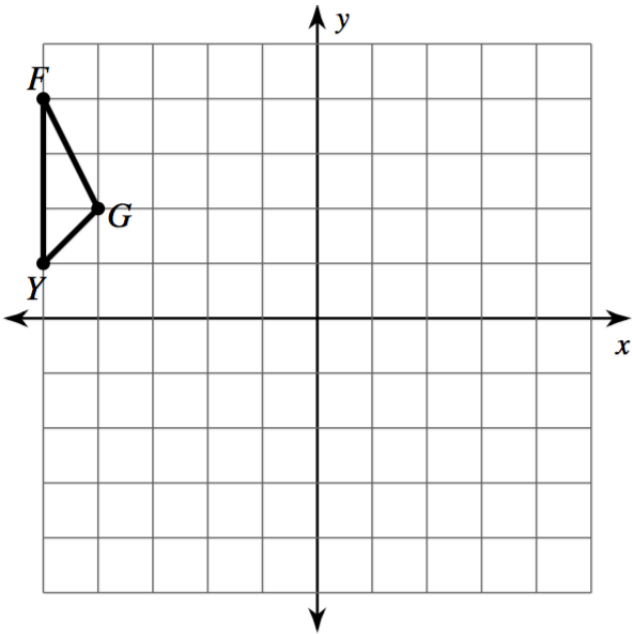
3. Rotate the figure 180° counterclockwise about the origin



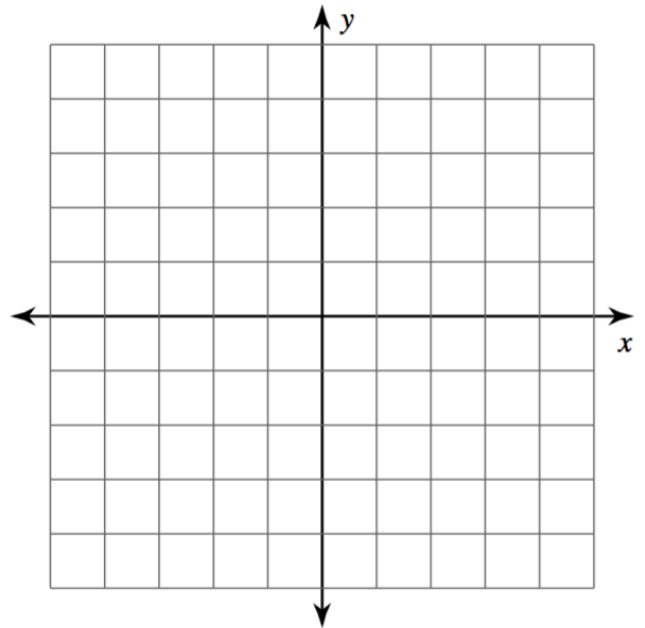
4. Rotate 90° clockwise about the origin $B(-2, 0), C(-4, 3), Z(-3, 4), X(-1, 4)$



5. Reflect FGY across the x-axis, label F' , G' , Y'
 Reflect FGY across the y-axis, label F'' , G'' , Y''

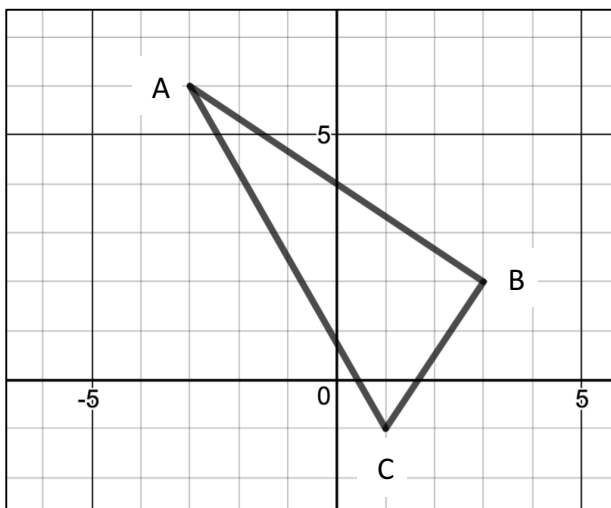


6. Reflect across the line $y = x$
 $K(-5, -2)$, $A(-4, 1)$, $W(0, -1)$, $J(-2, -4)$



Refresh your memory:

7. Find the slope of each segment \overline{AB} , \overline{BC} , \overline{AC}



m of \overline{AB} :

m of \overline{BC} :

m of \overline{AC} :