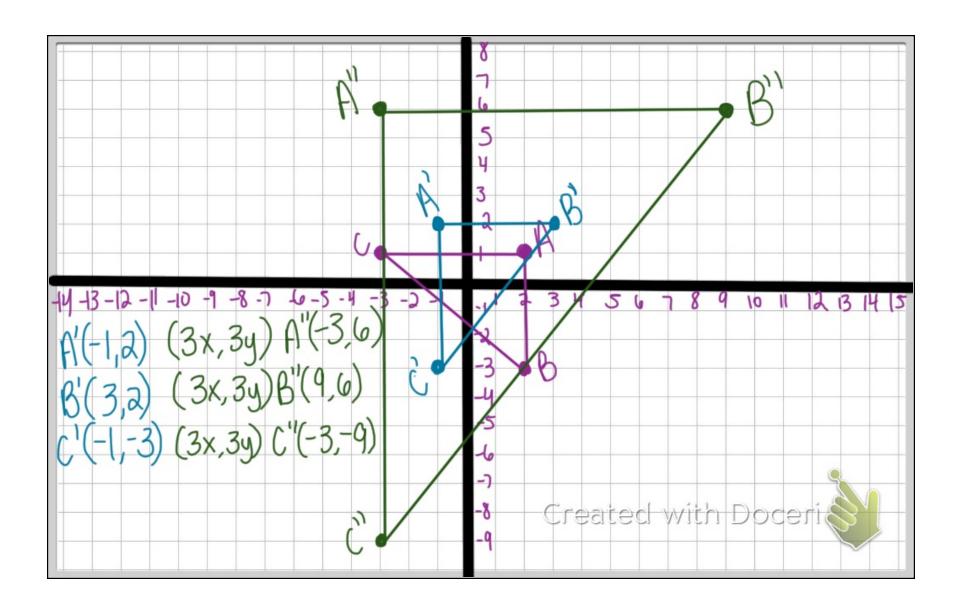
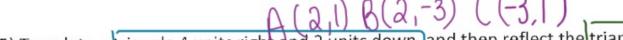
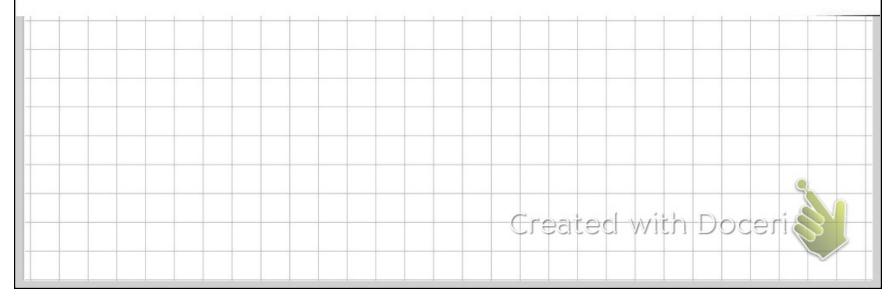
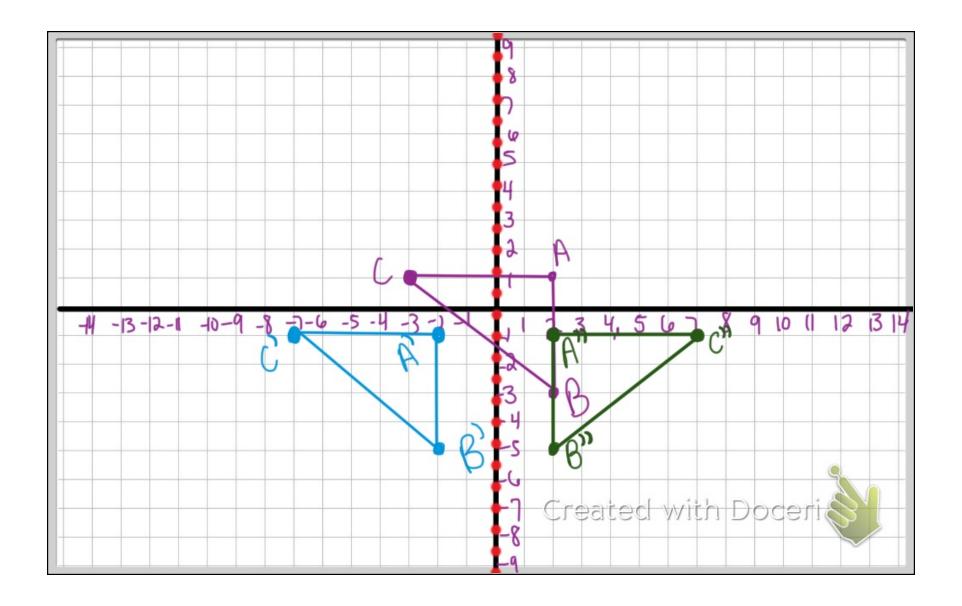
Jomposition of Transformations Created with Doceri



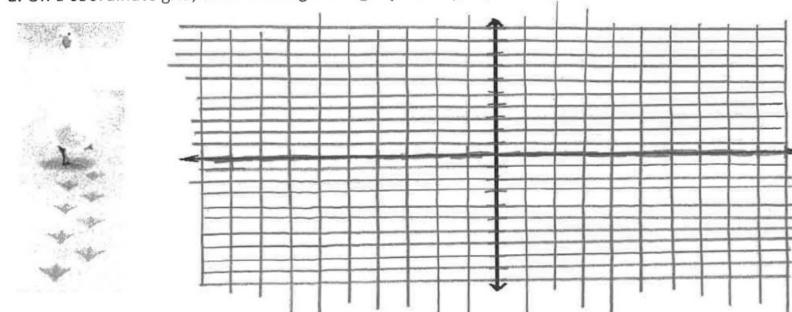


- 5) Translate a triangle 4 units right and 2 units down, and then reflect the triangle over the x axis.
- 6) Rotate a triangle 180 degrees counterclockwise, and then dilate the figure by a scale factor of 2.
- 7) Translate a triangle 4 units left and 2 units up, and then reflect the triangle over the line y = x.
- 8) Rotate a triangle 180 degrees clockwise, and then dilate the figure by a scale factor of $^{1}/_{2}$.





a. On a coordinate grid, draw a triangle using A(-9, -2), B(-6, -1), C(-6, -3) to represent a duck foot



5. Transform $\triangle ABC$ using R_{x-axis} , followed by $T:(x,y)\to (x+5,y)$. Label the final image $\triangle A'B'C'$.

Write a coordinate rule for this composite transformation.

1. Now apply the coordinate rule you gave in Part c two more times to ΔA'B'C'.

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