

Name \_\_\_\_\_

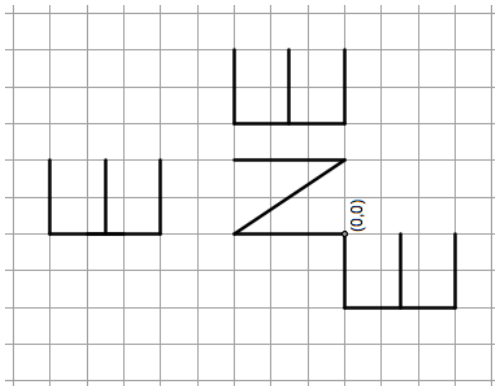
After class, a few students were wondering how letters placed in other locations in the plane would

be transformed under  $A = \begin{bmatrix} 1 & 1/3 \\ 0 & 4/3 \end{bmatrix}$ . If an “E” is placed around the “N,” the students argued over

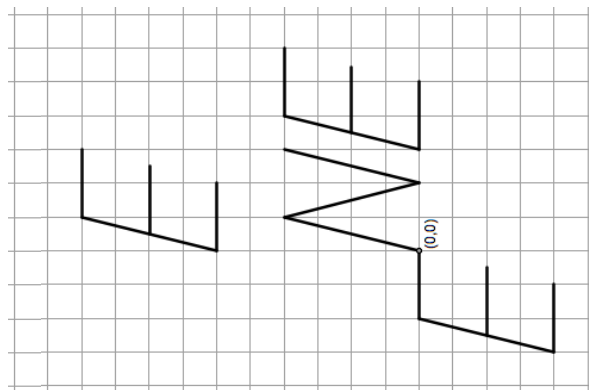
four different possible results for the transformed E’s. Which choice below is correct, and why? If

none of the four options are correct, what would the correct option be, and why?

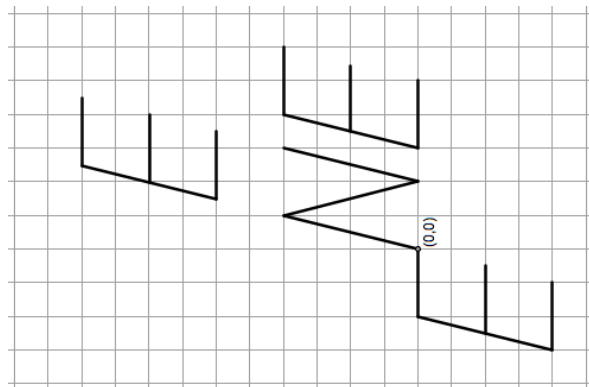
Original:



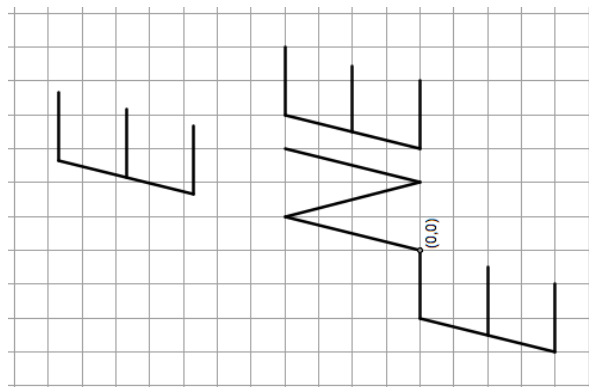
Choice A:



Choice B:



Choice C:



Choice D:

