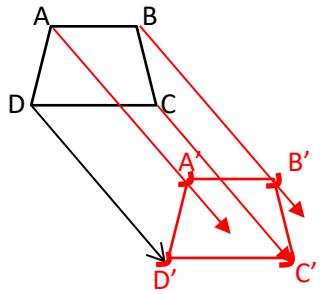
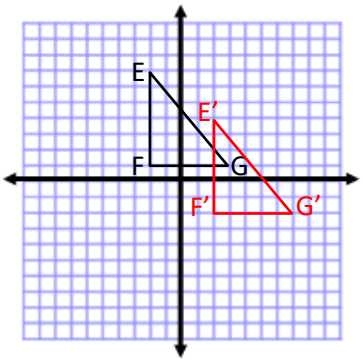
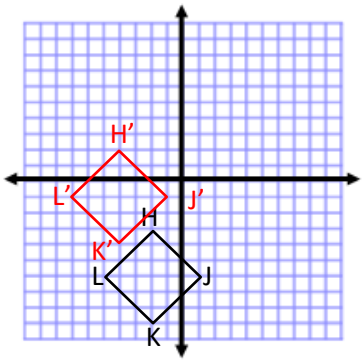
Translations:



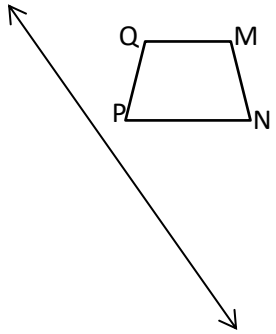
Translate the preimage 3 units down and 4 units right.



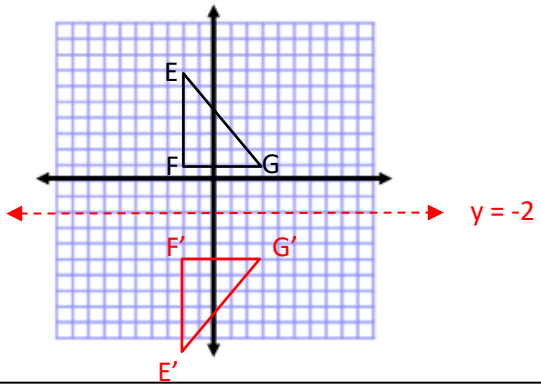
$(x, y) \rightarrow (x - 2, y + 5)$



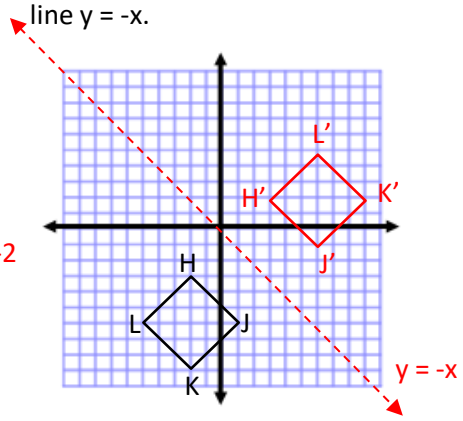
Reflections:



Reflect the preimage across the line y = -2.

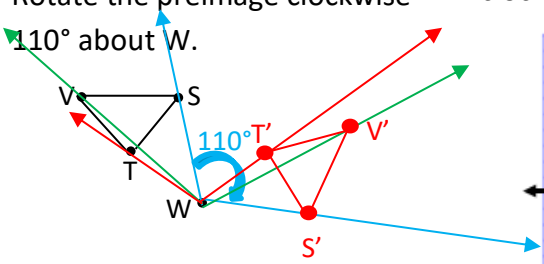


Reflect the preimage across the line y = -x.

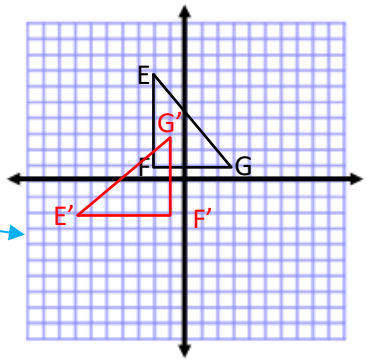


Rotations:

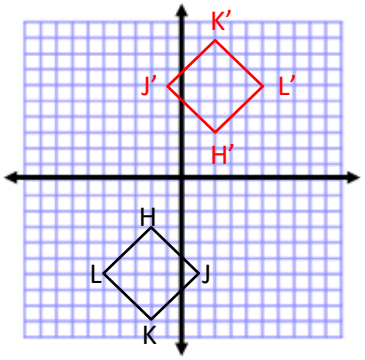
Rotate the preimage clockwise 110° about W.



Rotate the preimage 90° counter-clockwise about the origin.

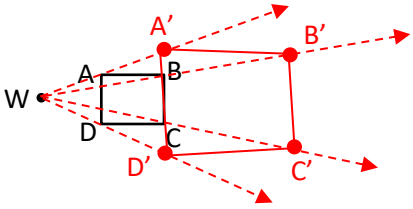


Rotate the preimage 180° clockwise about the origin.

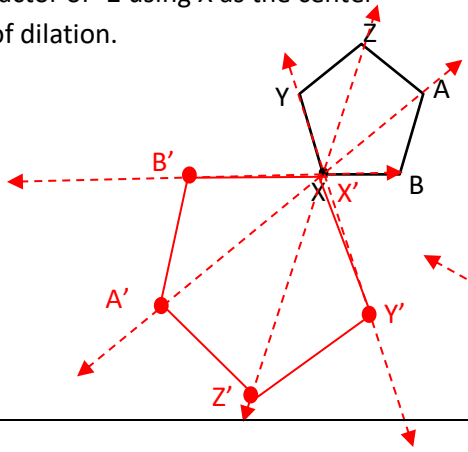


Dilations:

Dilate the preimage by a scale factor of 2 using W as the center of dilation.



Dilate the preimage by a scale factor of -2 using X as the center of dilation.



Given the preimage (dashed) and image (solid), find the center of dilation and scale factor.