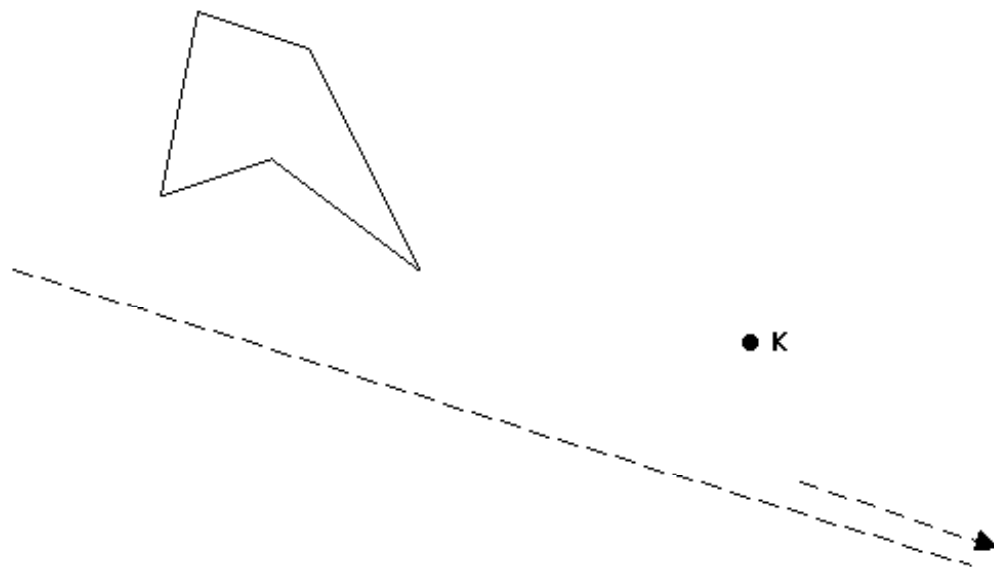
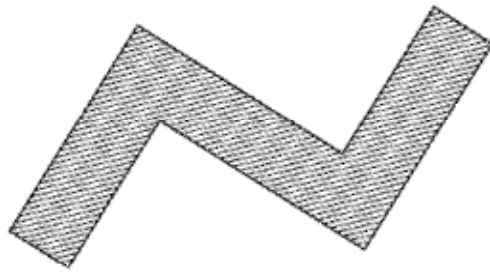
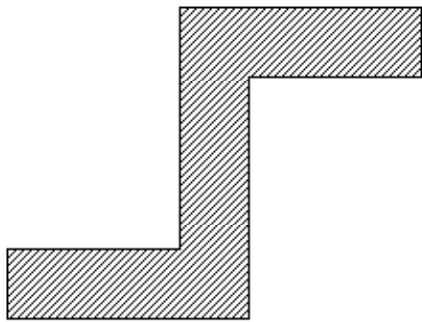


MAT 203 -- Homework #1

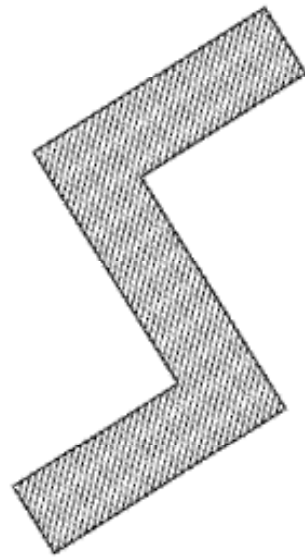
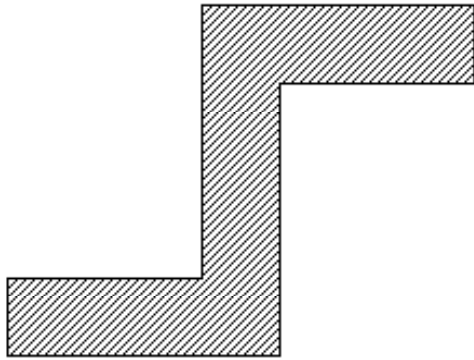
(1) Determine the images of the given set under clockwise 37° rotation about K and under the shown glide reflection:



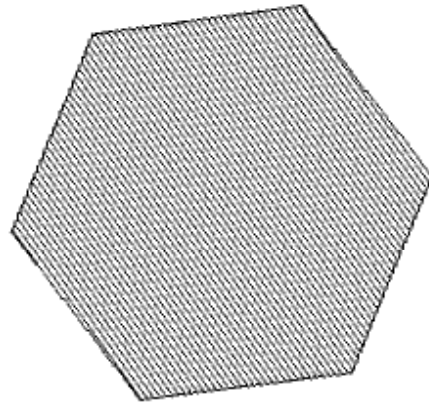
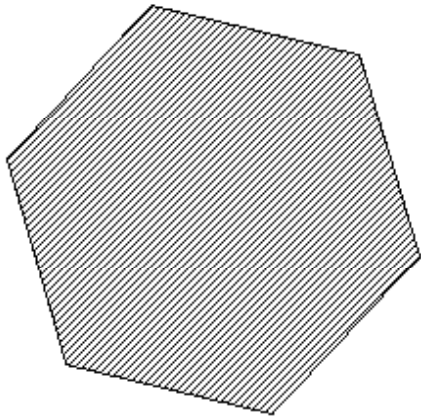
(2) Determine an isometry that maps the set on the right to the set on the left:



(3) Determine an isometry that maps the set on the right to the set on the left:



(4) Determine a rotation that maps the set on the left to the set on the right:



(5) Determine a glide reflection that maps the set on the right to the set on the left:

