1. **Identify the type of transformation. Then find:** the center and angle of the rotation of the plane, or the vector of translation of the plane, or the line of reflection of the plane, or the line and vector together ... that must be used to move figure F to F'.

   a. ![F](image1)
   b. ![F](image2)
   c. ![F](image3)
   d. ![F](image4)

2. Identify the Transformation that moves the shaded figure to each of its counterparts, by labeling the counterparts "T", "R", "F", or "GF" for Translation, Rotation, Reflection, Glide-reflection, respectively.

3.a. **Perform the series of transformations carefully:**
   Rotate the figure F + 90° about the point O. Label the new figure F'.
   Then reflect F' through line l. Label the result F''.
   Finally, translate F'' according to the vector V; label the final figure F'''.