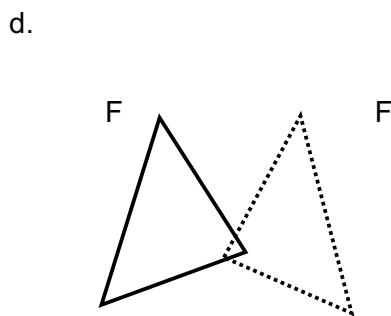
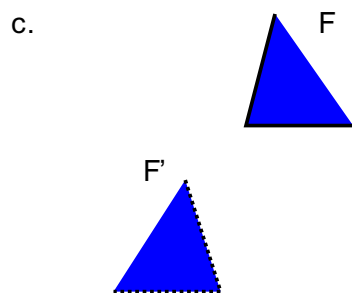
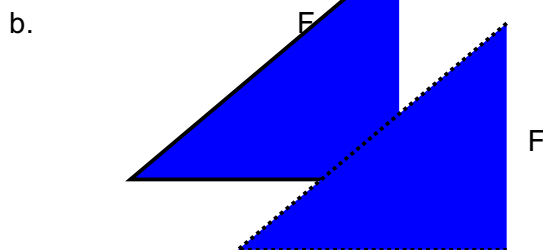
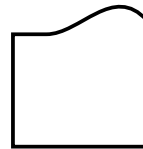
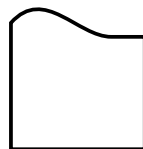
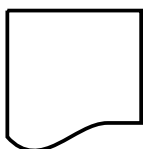
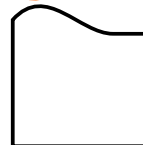


MATH 310 Quiz

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,
 ... that must be used to move figure F to F'.



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'''.

