Please take fifteen minutes for the following quiz. Please keep your quizzes and when time is called, I will collect them. Please try to be quiet if you are done early.

1. Consider the following formula, calculate the unsaturation number and draw three isomers. Try to be diverse in the structures you draw. 12 points.

\[
\text{C}_9\text{H}_{20}\text{NO}_5\text{F}
\]

\[
\text{C}_9\text{H}_{10}\text{NO}\text{F}
\]

\[
\overline{10}/2 = 5
\]

2. Consider the following structure and identify all functional groups. Classify all alcohols alkyl halides and amines as primary, secondary and tertiary. Six points

- Alkene
- Alkyl halide
- Amide
- Carboxylic acid
- Ketone
- Anhydride
- Amine
- Trihalide