

FA24 Chem0350 Homework 8. Submit study group answers on Gradescope by 11:59 PM on **Wednesday, May 1** (provide answers on this 3 page pdf)

Names of Students in Group (PRINT NEATLY). After uploading to GRADESCOPE, link each student's name to the submitted pdf.

1.

Jasen Lin

(submitting student)

2.

Bryson Boone

3.

Neil Stringer

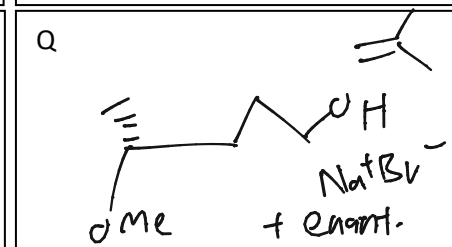
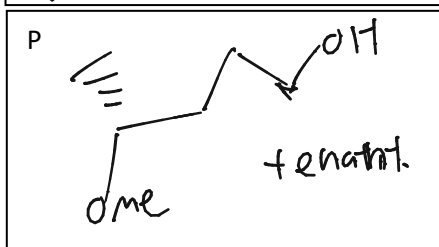
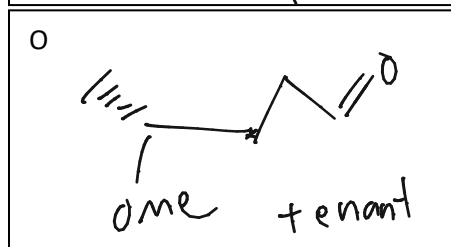
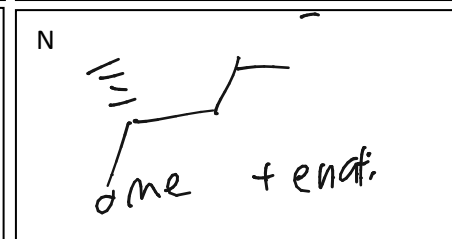
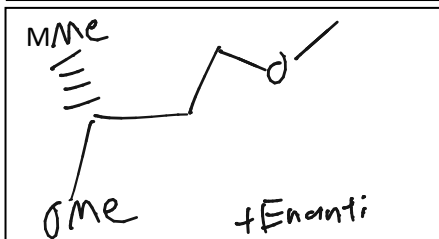
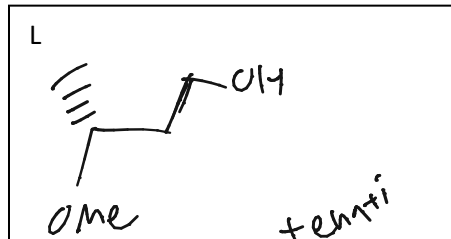
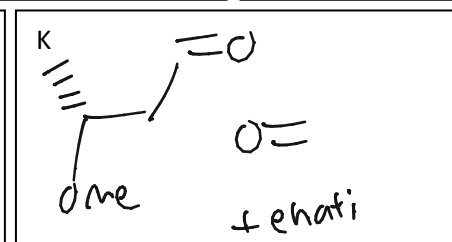
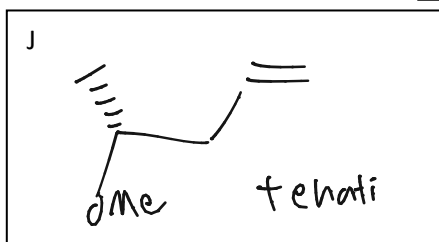
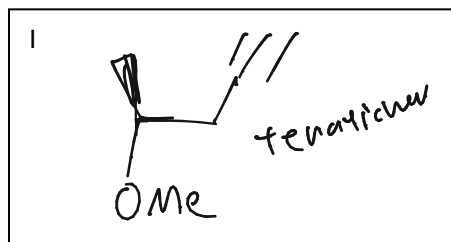
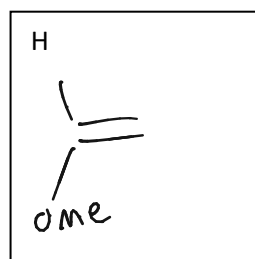
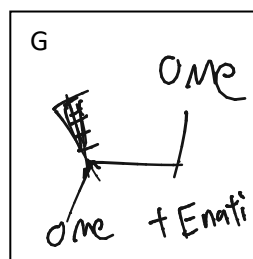
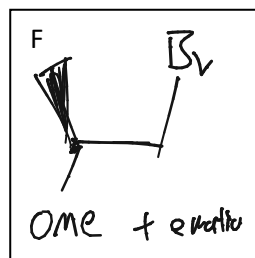
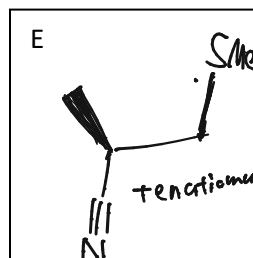
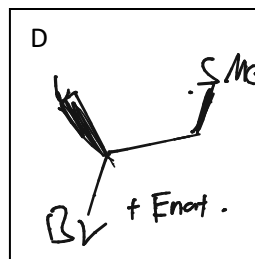
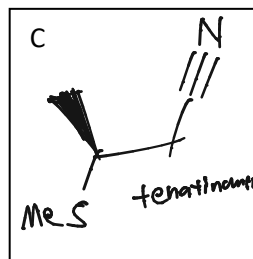
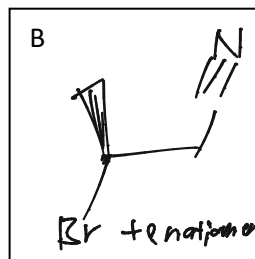
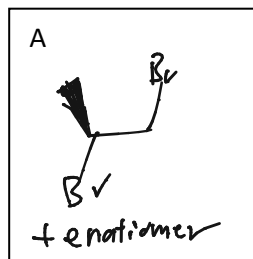
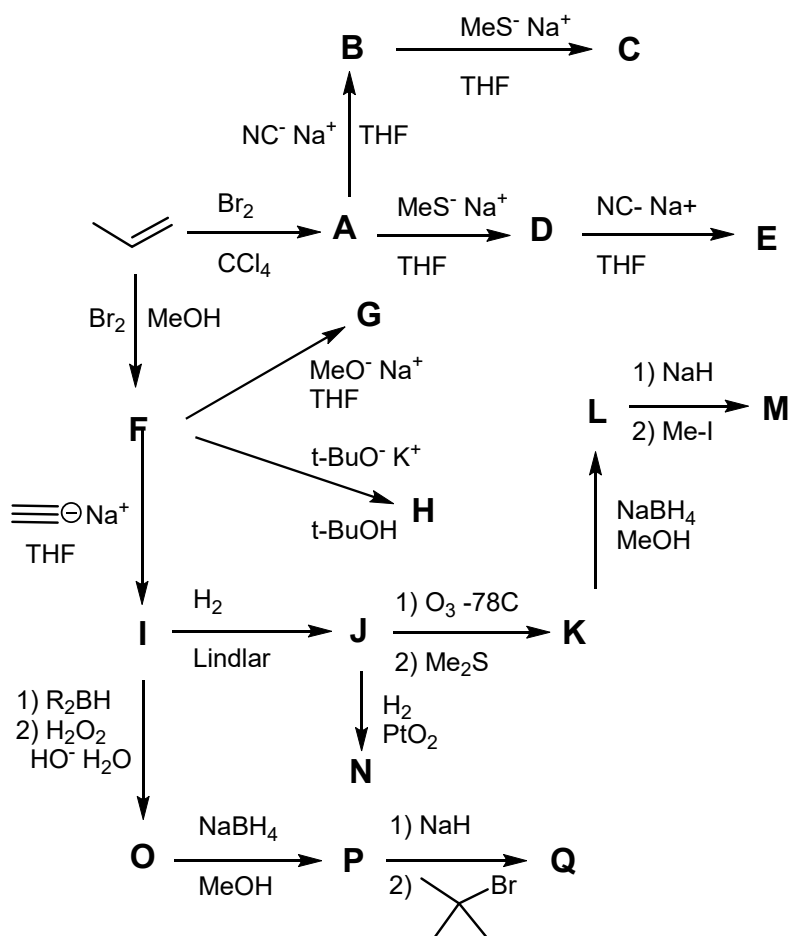
4.

Saloni Samia

5.

FA24 Chem0350 Homework 8. Submit study group answers on Gradescope by 11:59 PM on **Wednesday, May 1** (provide answers on this 3 page pdf)

1) Provide the missing structures (A-Q). Pay attention to regiochemistry and stereochemistry.



2. **SYNTHESIS.** Propose a sequence of synthetic steps (FGI) that convert the starting material (SM) into the **Target** molecule. For each FGI in your proposed synthesis, specify the reagents / conditions, and draw the product(s) of that FGI. **DO NOT INCLUDE the FGI mxn in the answer you submit.** If an FGI requires two reagent sets, **specify the order in which the reagent sets are added**, e.g., i) R_2BH ; ii) $NaOH, H_2O_2, H_2O$. Indicate the stereochemistry (if any) of the products of each FGI.

