

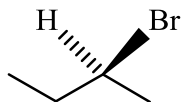
Name _____

CHM 2430

Quiz 7

Due at 9:00 A.M. on October 10, 2018

1. The name of the compound shown below is _____. (7.10a)(1 point)

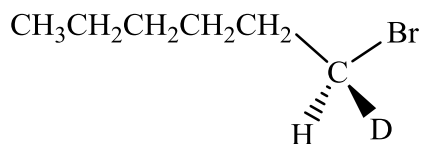


2. Next to each statement below, write S_N1 if it is true of S_N1 reactions and S_N2 if it is true of S_N2 reactions. (7.22, 7.25) (2 points)

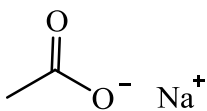
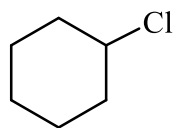
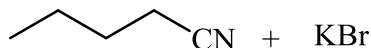
A. Both RX and the nucleophile are included in the transition state of the rate-limiting step. _____

B. The order of reactivity is 3° > 2° > 1° > methyl. _____

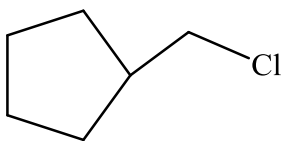
3. Choose any three reactions. Fill in the boxes to correctly complete each reaction. Only the first three will be graded if you answer all four. (3 points) (7.22; 7.26)



organic product



organic product



organic product

There are more questions on the back.

4. Write the mechanism that explains the organic product in each reaction. Don't write anything in the boxes. (4 points)

