

MAD ORG. CHEM. MIN. #17

Read the directions!

LAST NAME _____ FIRST NAME _____

SS# _____

CIRCLE CLASS TIME: 8AM 9AM

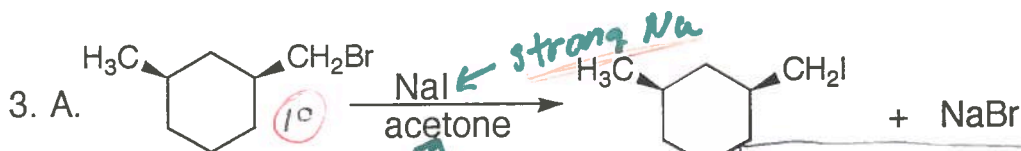
State whether Reaction A or Reaction B has the faster rate. If both reactions take place at the same rate, place SAME in the box.



doesn't matter SN1 or SN2
B *better 2.6.*



B *SN2 H2S stronger Nu*

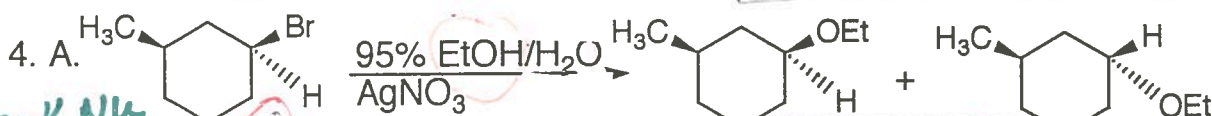


1° must be SN2

A *1° is less crowded*

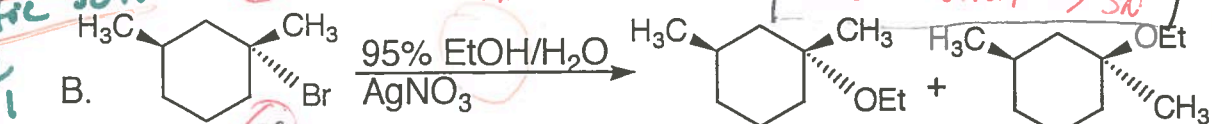


inversion only → SN2



racemization → SN1

B *more stable 3° C+*



Weak Nu protic solv. ↓ SN1



SAME



doesn't matter that ⁻SH is stronger Nu than H₂S → Nu doesn't participate in RDS