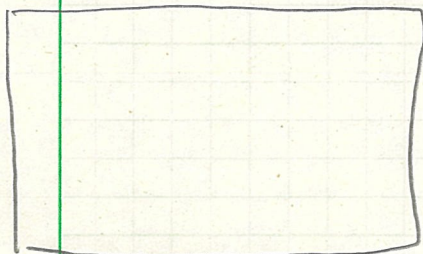
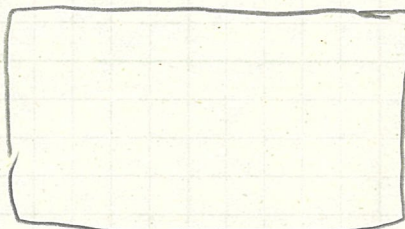
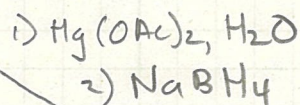
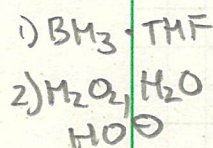
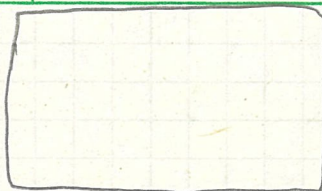
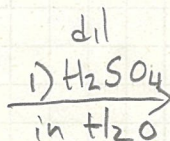
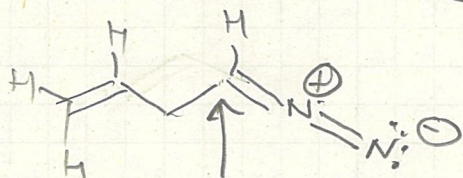


①

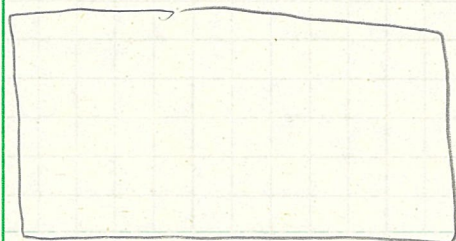
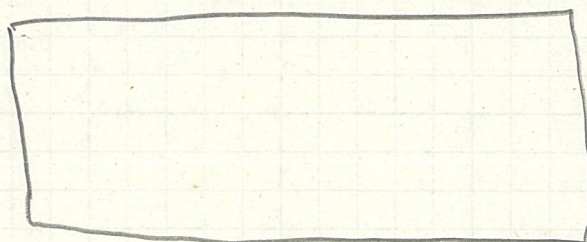


REASONABLE (octets are maintained)

② Draw a resonance structure of compound Q so the N with negative charge become neutral and the carbon (arrowed) becomes negative

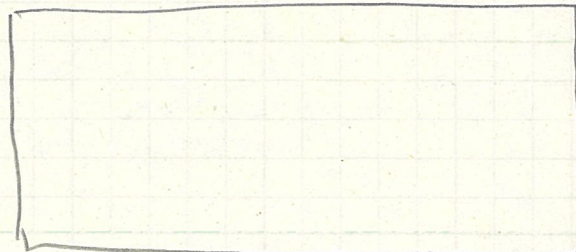
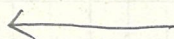


a diazo compound



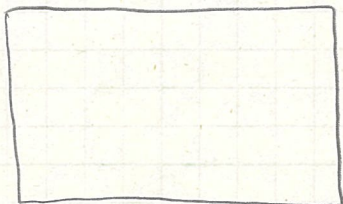
Intramolecular
carbene Rxn

C₄H₆ product

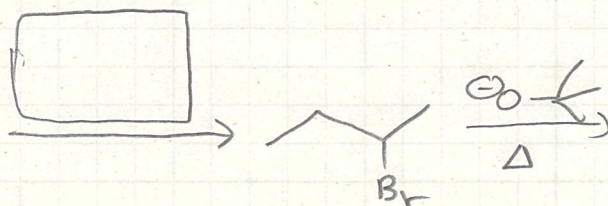
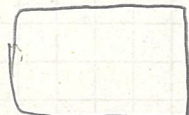


carbene intermediate

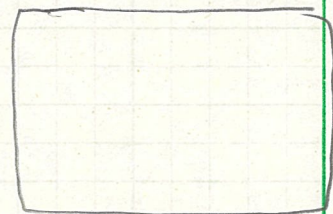
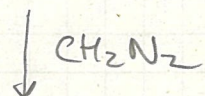
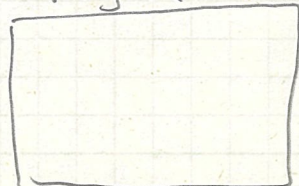
③



An Alkane



MAJOR

 C_5H_{10}

④

