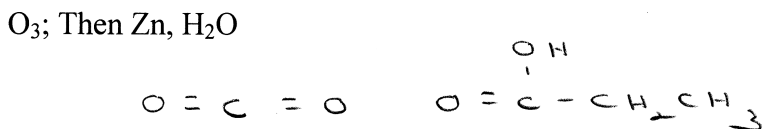
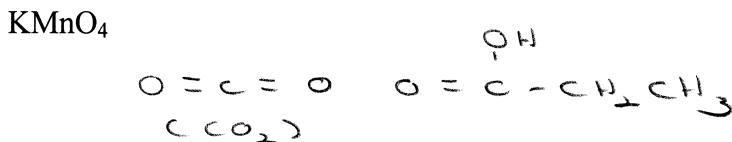
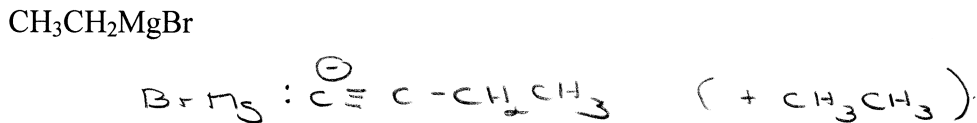
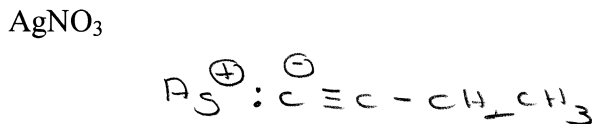
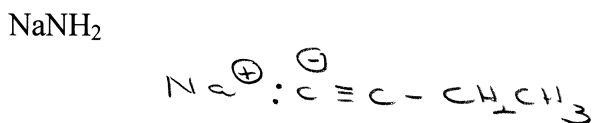
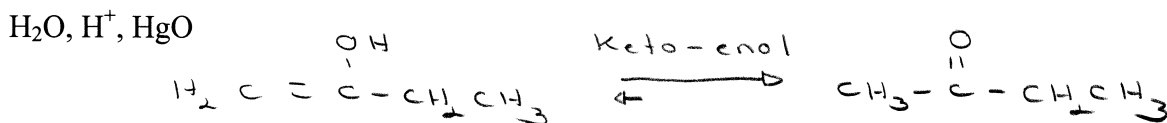
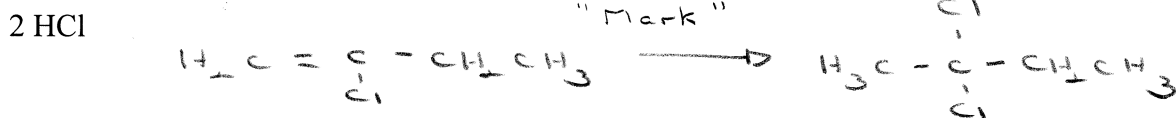
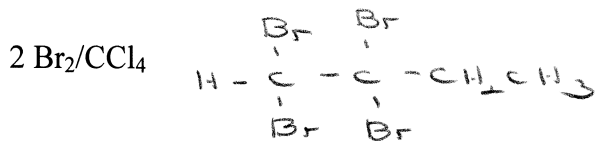
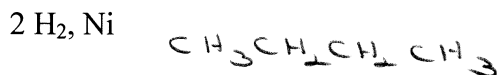
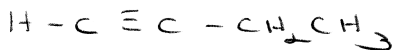
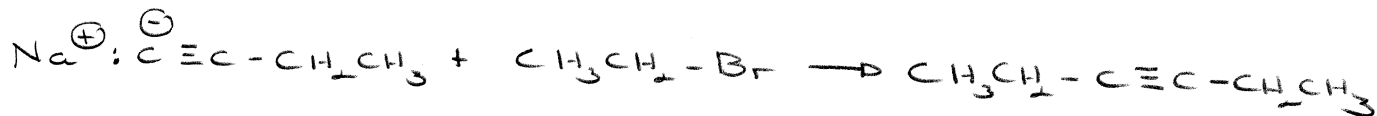


Chapter 12: "Alkynes" Worksheet

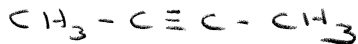
Give the structure of the chief organic product(s) expected from the reaction of 1-butyne with:



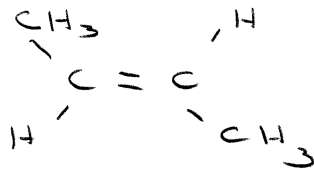
NaNH_2 ; Then $\text{CH}_3\text{CH}_2\text{Br}$



Give the structure of the chief organic product(s) expected from the reaction of 2-butyne with:

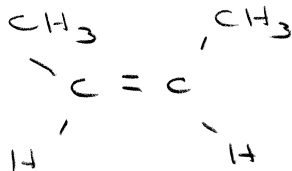


Na and NH_3 (liq)



"Anti"

H_2 , Pd-C (Lindlar)



"Syn"