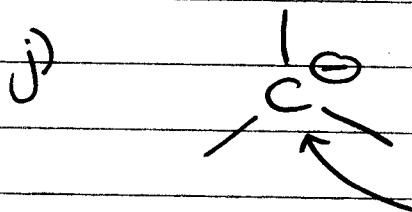
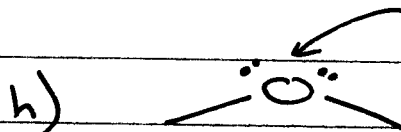
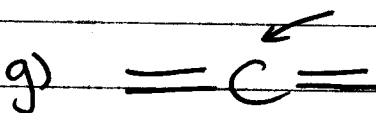
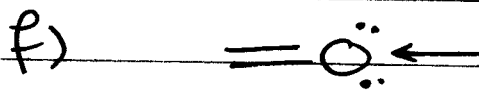
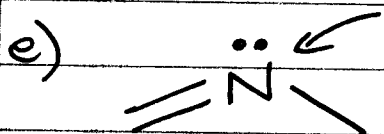
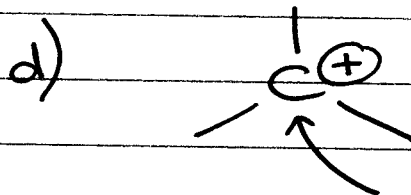
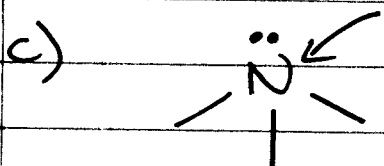
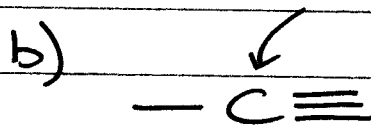
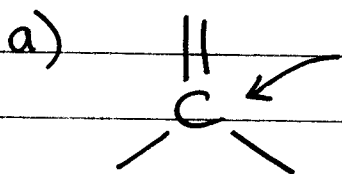
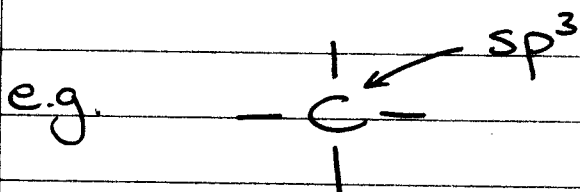


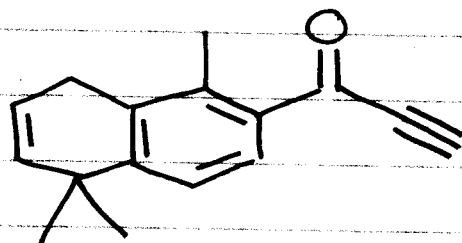
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HYBRIDIZATION

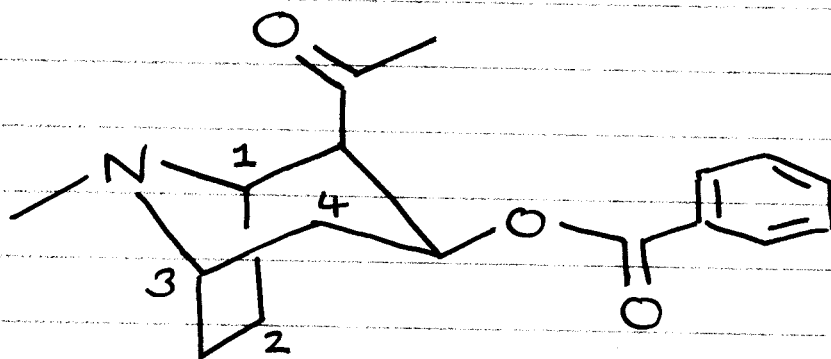
① In each structure below, what is the hybridization of the arrowed atom?



- ② What is the hybridization of each carbon atom in the structure below?



- ③ The molecular structure of cocaine is shown below, what is the hybridization of each non-hydrogen atom?



NOTE: Carbon atom 1 is bonded to carbon atom 2, there is a break in the bond to show that it is behind the bond going from 3 to 4. REMEMBER - molecules are 3-DIMENSIONAL