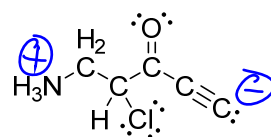
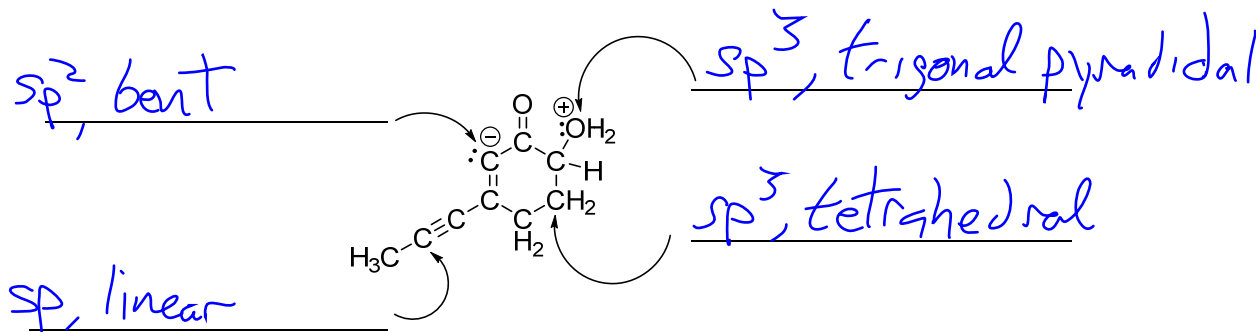


Name: _____

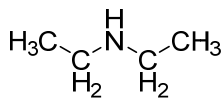
1. Assign formal charges where necessary for the following molecule. All lone pairs are already drawn. (2 points)



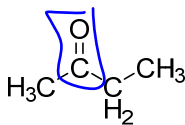
2. Provide the **hybridization** and **molecular geometry** for the indicated atoms. (4 points)



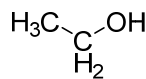
3. Identify the functional group in each molecule below. (2 points)



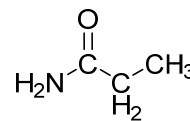
amine



ketone



alcohol



amide

4. Draw a bond line representation from the following Lewis structure including all lone pairs. (2 points)

