

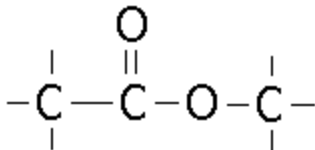
Name _____

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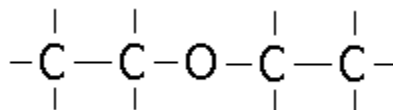
Honors Chemistry
Organic Chemistry Practice Test

Form P

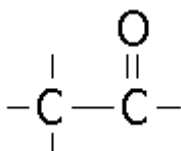
Part I: Functional Groups Identify the functional groups in the following compounds.



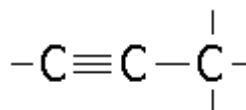
1) _____



2) _____

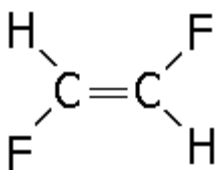


3) _____

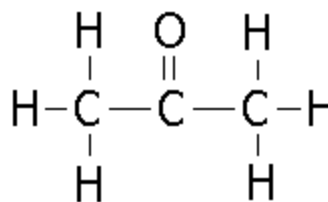


4) _____

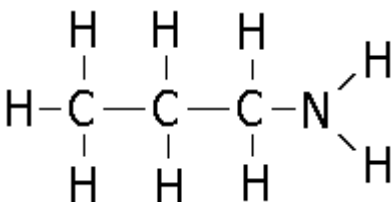
Part II: Nomenclature Name the following organic compounds.



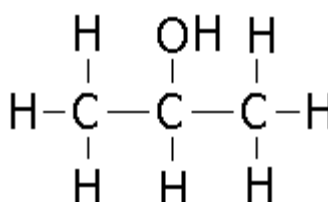
1) _____



2) _____



3) _____



4) _____

Part III: Structural Formulas Draw structural formulas for the following compounds.

1) Ethanol

2) Methyl amine

3) 1,2 trans dibromo ethene

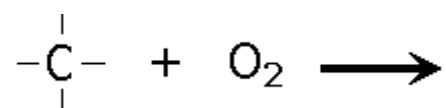
4) Methyl fluoride

5) Butanone

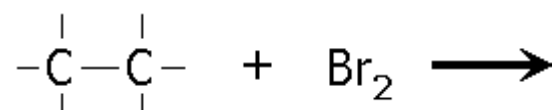
6) 2 pentene

Part IV: Reactions Predict products of the following organic reactions

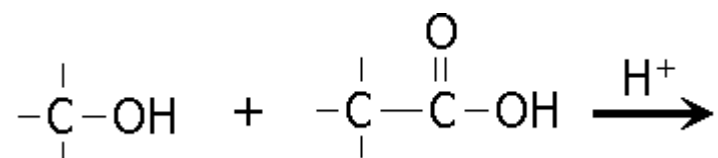
1.



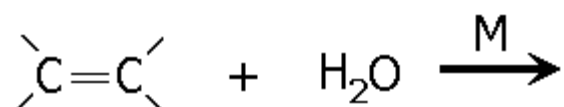
2.



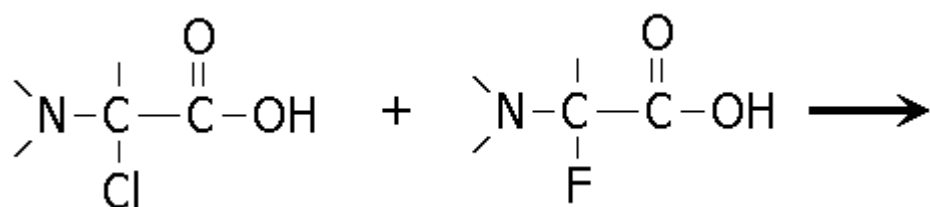
3.



4.



5.

**Part V: Isomers** Answer the following questions about isomers.1) Draw structures for the four alcohols having the formula $\text{C}_4\text{H}_9\text{OH}$.2) Draw the cis and trans isomers for the compound C_4H_8 . It contains one double bond.