



Name: _____

Organic Compounds Nomenclature -2

PART 1:

Nomenclature Basics

1. Complete the following table to summarize the nomenclature rules for organic compounds. The first one is completed for you as an example.

Family of Compound	Structure	Suffix
Carboxylic Acid	$\begin{array}{c} \text{O} \\ \\ \text{R}-\text{C}-\text{OH} \end{array}$	-oic acid (-carboxylic acid)
Aldehyde		
Ketone		
Alcohol		
Ether		
Ester		
Amine		
Alkene		
Alkyne		

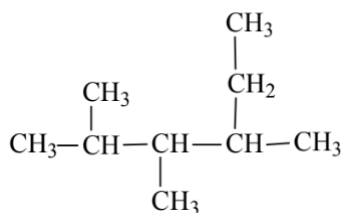


Name: _____

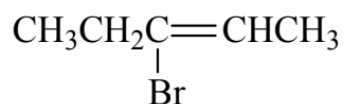
PART 2:**Applying Nomenclature Rules - Naming**

Write the following organic compounds on the line below the structure:

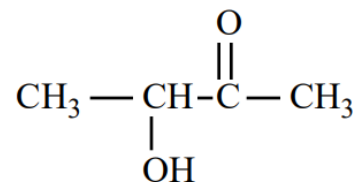
1.



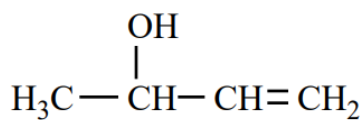
2.



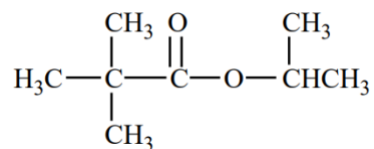
3.



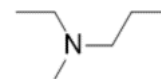
4.



5.



6.

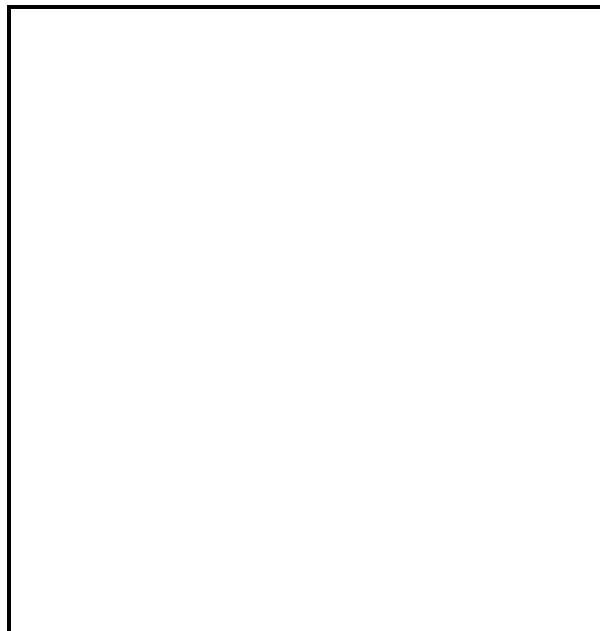




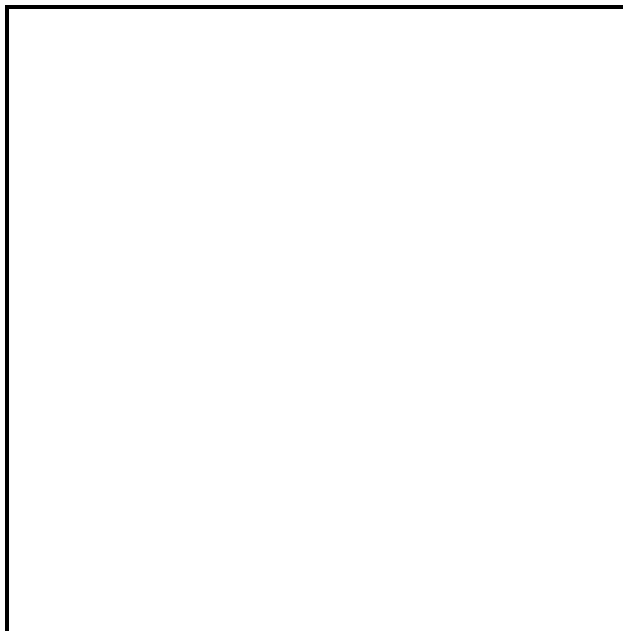
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Applying Nomenclature Rules – Drawing

Draw the following organic compounds on the box above the name:

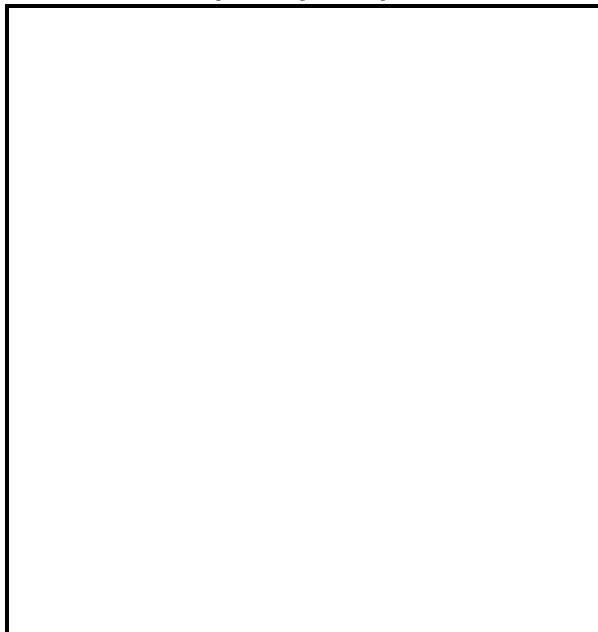
1. **ethyl methyl ether**2. **ethyl ethanoate**

2.





Name: _____

3.4-(1-methylethyl)heptane**4.5-chloro-3-ethyl-4-hexen-2-ol**