

Name:

Date:

Period:

Functional Group Playing Cards

For #1-6, use your understanding of organic functional group structures to answer each question.

1. Alcohols and ethers are both organic compounds that contain oxygen. Explain how their chemical structures differ.

2. How are the structures of esters and carboxylic acids related?

3. How are the structures of alkyl halides and alkanes related?

4. What element do amines contain besides carbon and hydrogen?

5. How are the structures of amines and amides related?

6. What is the main difference between aldehydes and ketones?

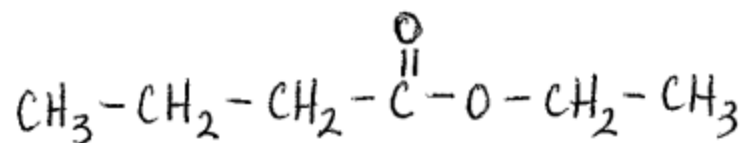
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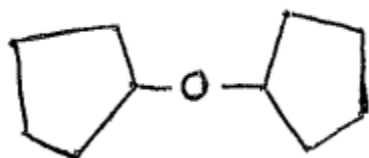
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For #7-20, write the name of the organic functional group that corresponds with each compound.

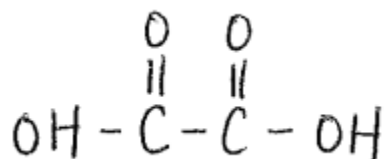
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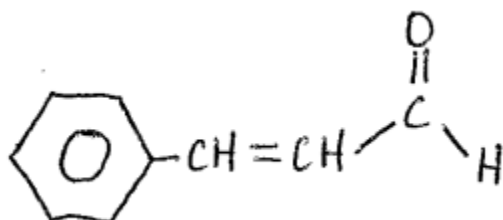
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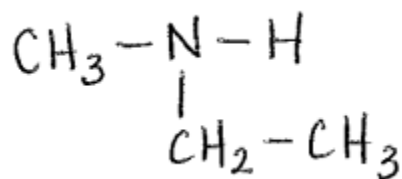
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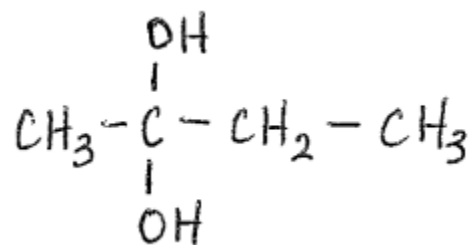
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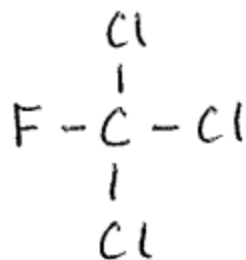


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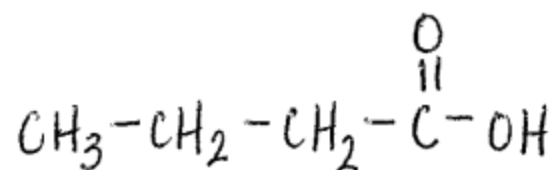
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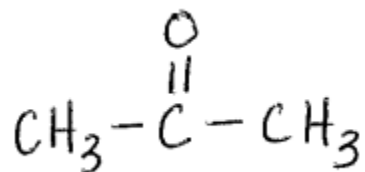
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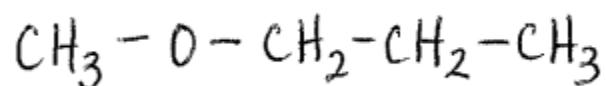
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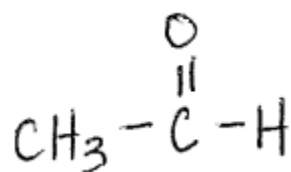
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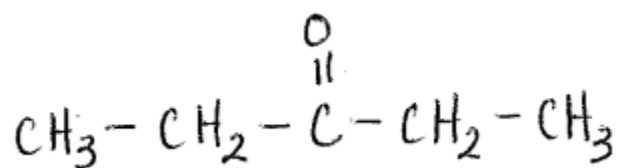
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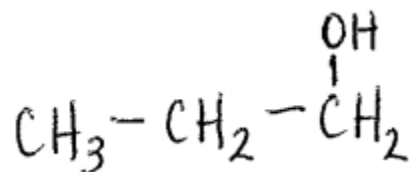
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