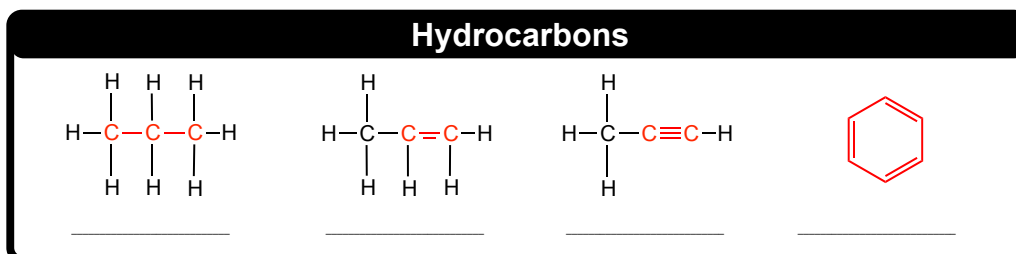


CONCEPT: FUNCTIONAL GROUPS IN CHEMISTRY

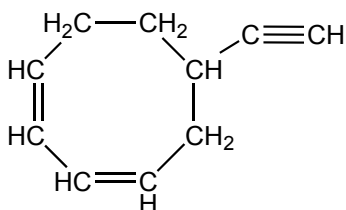
- **Functional Group:** the part of a molecule that is recognizable and responsible for a compound's _____.

Hydrocarbons

- Compounds containing only carbons and hydrogens.

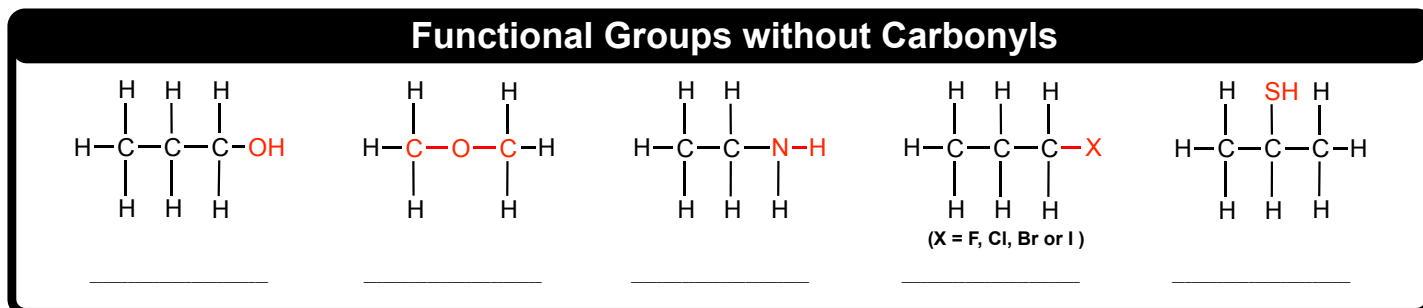


EXAMPLE: Identify the type of functional group(s) present within the following compound.

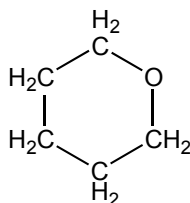


Functional Groups without Carbonyls

- **Carbonyl Group:** represents a carbon doubled bonded to an oxygen: _____.
- Functional groups w/o a carbonyl group are recognizable by the presence of a _____, _____, _____ or _____.



EXAMPLE: Identify the type of functional group(s) present within the following compound.

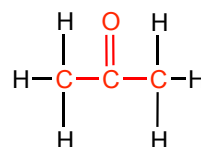
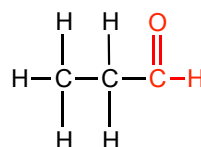
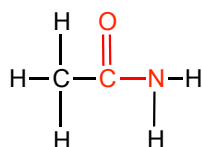
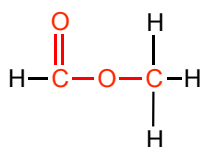
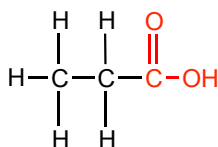


CONCEPT: FUNCTIONAL GROUPS IN CHEMISTRY

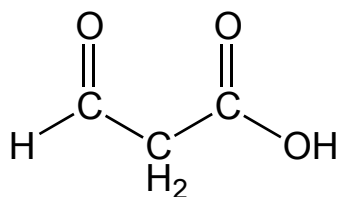
Functional Groups with Carbonyls

- These types of functional groups share some structural similarities with those without carbonyls.

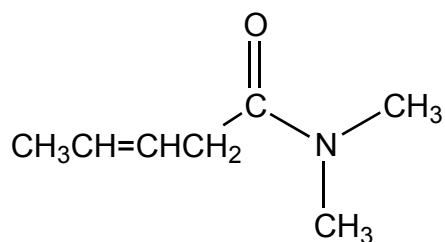
Functional Groups with Carbonyls



EXAMPLE: Identify the type of functional group(s) present within the following compound.



PRACTICE: Identify the type of functional group(s) present within the following compound.



PRACTICE: Identify the type of functional group(s) present within the following compound.

