

Unit 6: Intermolecular Forces & VSPER Honors Organic Review

Name _____

Block # _____

1. **Organic chemistry** involves molecules that are called _____ because they contain _____ and _____.
2. Hydrocarbons often have **functional groups** attached that change their _____ and _____ properties.
3. Increasing a hydrocarbon's **chain length**, _____ the boiling point and _____ the melting point.
4. _____ and _____ bonds result in an **unsaturated** hydrocarbon structure.

Write the organic names based on the length of the chain, type of bond, or functional group attached

Formula	Organic Name
CH ₄	
CH ₃ CH ₃	
CH ₃ CH ₂ CH ₃	

Formula	Organic Name
CH ₃ OH	
CH ₃ CH ₂ OH	
CH ₃ CH ₂ CH ₂ OH	

	(also known as <i>acetylene</i>)

	Which functional group is this?
	Which functional group is this?
	Which functional group is this?

	Which functional group is this?
	Which functional group is this?
	Which functional group is this?

	Which functional group is this?
	Which functional group is this?
	Which functional group is this?

For more practice identifying functional groups visit: <http://www.sciencegeek.net/APchemistry/organic/functional.htm>