

Name: _____

Date: _____ Period: _____

Macromolecule CER Stations (CP2/ELL)

Directions: Choose four molecules to categorize into the four macromolecule categories and explain why.

Claim: _____ is a

Circle one: {carbohydrate, lipid, nucleic acid, protein.}

Evidence: Circle the column that matches the evidence.

Carbohydrates	Nucleic Acids	Lipids	Proteins
Atoms: CHO	Atoms: CHONP	Atoms: CHO	Atoms: CHONS
Structure: Typically rings called monosaccharides; can be chains of rings	Structure: Composed of nucleotides that are single or double stranded	Structure: Made of fatty acids (long chains of hydrocarbons with single or double bonds)	Structure: Chains of amino acids that are folded in particular ways to function properly
Function: Short term (or long term) energy and structure for cell walls	Function: Heredity and codes for proteins	Function: Long term energy storage and cell membranes	Function: Highly varied - enzymes, transport, immune system, movement

Reasoning: The molecule is a _____

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Because {insert a connection to a biology concept} _____

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