

Name: \_\_\_\_\_

**Directions:** Complete the table below about the Biomolecules of Life.

Macromolecule	Elements	Building Blocks	polymer example	Importance (give at least 2-3)
Carbohydrate				
				Insulation - maintain body temperature
	CHONP			

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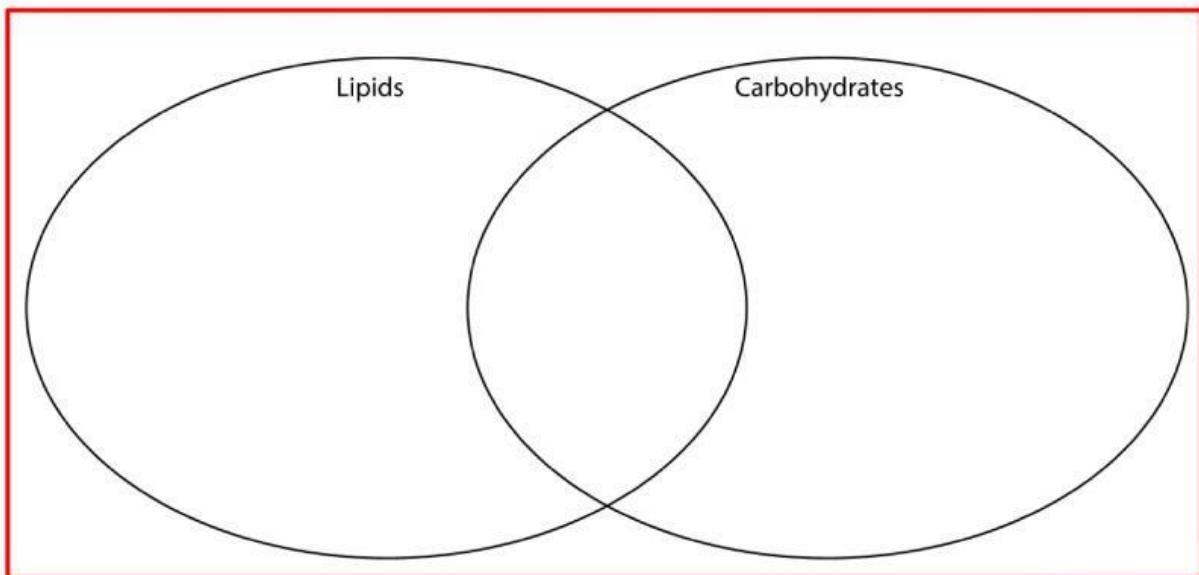
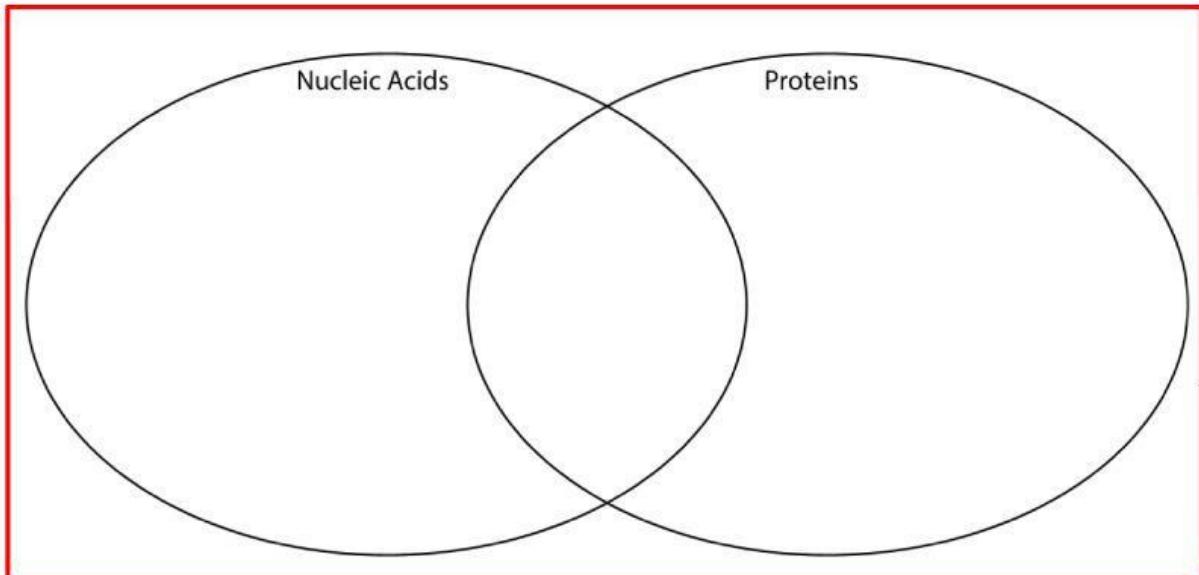
Review each statement about biomolecules and record whether it is true or false.

T/F?	What are biomolecules?
1.	Biomolecules are organic molecules, made from carbon
2.	Proteins are energy storage for the cell
3.	Biomolecules are all polymers, built from smaller monomers.
4.	Biomolecules are categorized based on their structure and function.
5.	Lipids, carbohydrates, and proteins all provide structural support in cells

In the space below, REWRITE the False statements so that they would be true. For true statements, write N/A.

- 1.
- 2.
- 3.
- 4.
- 5.

Complete the Venn diagrams using the work bank below



**WORD BANK:**

Provide/Store Energy

Monomer includes one of four nitrogenous bases

Main component of Cell walls

Do NOT provide Energy

Does tissue repair, transport, and catalyze reactions

Main component of Cell membrane

Polysaccharides

Contain genetic sequences for living things

Polypeptides

Contain Nitrogen

Include steroids, waxes, and oils

Provide structural support