## Reinforcement: Biomolecules

<table>
<thead>
<tr>
<th></th>
<th>_____________________________</th>
<th>organic</th>
<th>energy</th>
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</thead>
<tbody>
<tr>
<td>cellulose</td>
<td>fatty acids</td>
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<tr>
<td>enzyme</td>
<td>glucose</td>
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<tr>
<td>nucleic acids</td>
<td>hagfish</td>
<td>monomers</td>
<td>chitin</td>
</tr>
<tr>
<td>carbohydrates</td>
<td>nucleotides</td>
<td>phospholipids</td>
<td>amino acids</td>
</tr>
</tbody>
</table>

1. Polymers are made of individual subunits called _____________________________
2. Chains of glucose make up _____________________________
3. Molecules that make up living things and contain carbon are called _______________ molecules.
4. An aquatic animal that makes a protein based slime _____________________________
5. A carbohydrate that makes up the cell walls of plants: ___________________________
6. A carbohydrate that makes up the exoskeleton of insects: ____________________________
7. Lactase is an _________________________ that breaks down milk sugar.
8. The cell membrane of all cells is made of _____________________________
9. Nucleic acids are made of individual subunits called _____________________________
10. Lipids are made of _____________________________ and glycerol.
11. DNA and RNA are both types of _____________________________.
12. Large molecules made of many small subunits: _____________________________.
13. Proteins are made of subunits called: _____________________________
14. More commonly called sugar, its molecular formula is $\text{C}_6\text{H}_{12}\text{O}_6$ _____________________________.
15. The food we eat provides the _______________ needed for life functions.
16. A carbohydrate found in bread and pasta: _____________________________

### Match the macromolecule to the example

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<td>8</td>
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</tbody>
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A. Carbohydrates
B. Lipids
C. Proteins
D. Nucleic Acids