**VIDEO GUIDE FOR BOZEMAN BIOLOGY – BIOLOGICAL MOLECULES**

Fill in this chart completely

|  |  |  |
| --- | --- | --- |
| MACROMOLECULE | FUNCTION (S) | COMPOSITION (What monomers is it made of, if applicable, if not made of monomers, what is it made of?) |
| Proteins |  |  |
| Carbohydrate |  |  |
| Nucleic Acids |  |  |
| Lipids |  |  |

Describe what happens in dehydration synthesis?

Describe what happens in hydrolysis?

How do saturated and unsaturated fats differ?

Why does directionality in carbohydrates matter?

What are the differences between DNA and RNA?

What happens when proteins denature?