1. ____________Dehydration Synthesis________________ is the process used to build polymers.

2. List the 4 macromolecules and their monomers respectively:

    1. __Carbohydrates__ / ___Monosaccharides (Simple Sugars)__
    2. __Nucleic Acids___ / ___Nucleotides____________________
    3. __Proteins________/ ___Amino Acids____________________
    4. ___Lipids________ / ___Fatty Acids can be for some lipids__

3. To break a polymer into its monomers a molecule of water is ____hydrolysis_______.

4. The bond holding together 2 amino acids is a ____Peptide Bond____________

5. ____Chaperones__________ give misfolded proteins a chance to fold properly

6. The bond holding together 2 nucleotides is a _______Phosphodiester Bond_____________ while the bond holding 2 nitrogenous bases together is a_____Hydrogen Bond_____________.

7. A nucleotide is made up of:

    1. ____Nitrogenous Base_____________________________________
    2. ____5C Sugar (either ribose or deoxyribose)___________________
    3. ____Phosphate Group______________________________________

8. The bond holding together 2 monosaccharides is a ___G.G. Bond__________________.