BIO BW 2-13

1. **What do each of the following do: autosomes and sex chromosomes?**

**Autosomes- everything else or normal proteins**

**Sex chromosomes- gender**

1. **In humans, \_\_\_\_\_\_\_\_\_\_\_\_ creates 2 cells with \_\_\_\_\_ chromosomes.**
   1. **Mitosis, 23 c. meiosis, 23**
   2. **Mitosis, 46 d. meiosis, 46**

**2-14**

1. **Define bioethics.**

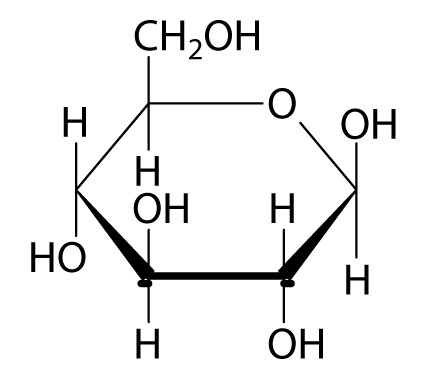
**The rules/principles that says whether something is good or bad**

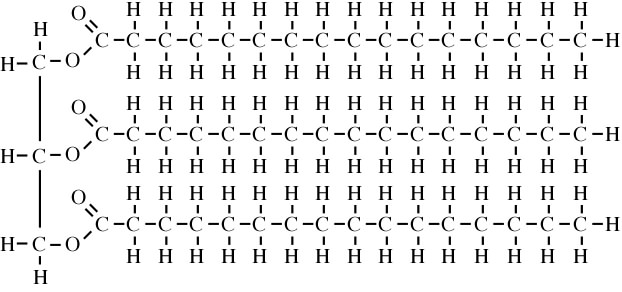
1. **Which best describes how enzymes function in the body?**
   1. **Enzymes are converted into products by the reactions they catalyze**
   2. **Enzymes lower the activation energy of reactions**
   3. **One enzyme can catalyze many different reactions**
   4. **An enzyme is used once and then destroyed by the cell**

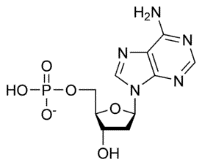
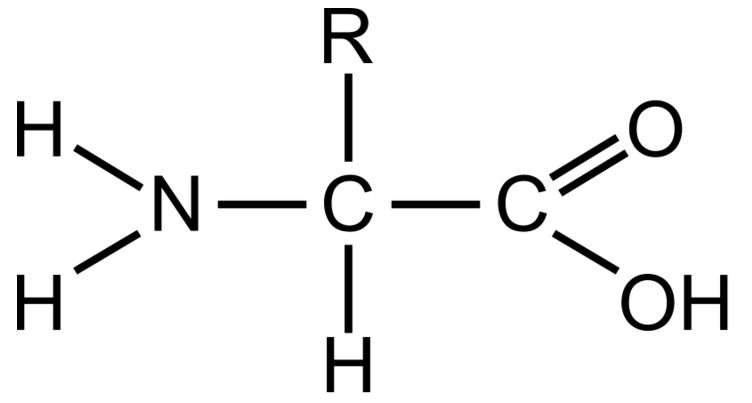
**2-15 2-16**

1. **Who came up with binomial nomenclature?**

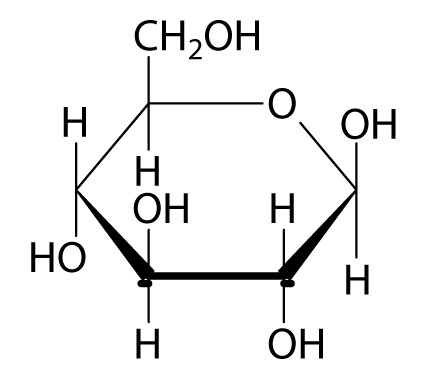
**Carl Linnaeus**

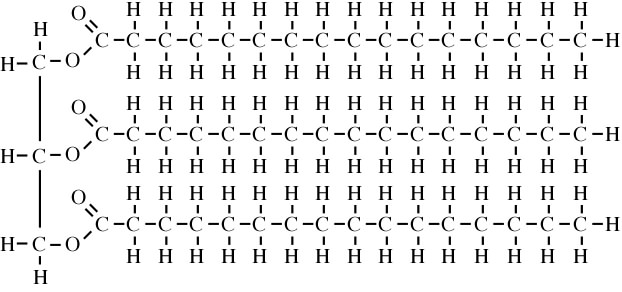
1. **Which of the following is a nucleotide? Letter C**
   1. ****

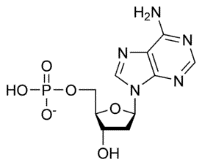


* 1. 
  2. 

2-17

1. **Give one example of evolution in your lifetimes (hint: think about medicine). Antibiotic resistance**
2. **Which of the following would turn purple in a test? Letter D**
   1. ****



* 1. 
  2. 