Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_\_\_\_\_

**Bozeman Proteins**

1. You are what you eat- why?

2. Draw the basic structure of an amino acid:

3. a. What parts of basic amino acids are the same in all amino acids?

b. What part(s) are different?

4. What reaction is used to link amino acids together?

5. When several amino acids are linked together what is the resulting molecule called?

6. Where inside the cell are these molecules formed?

7. a. What does polar mean?

 b. What does nonpolar mean?

Summarize the levels of protein structure below:

1° =

2° =

3° =

4° =