1. True or False: If the underlined word is false rewrite the correct one. If true write true.
   a. Non-polar amino acids tend to be buried inside folded proteins because they are hydrophilic.
   b. Two amino acids form an ionic bond called a peptide bond.
   c. Many of these bonds form long chains called polypeptides.

2. Proteins contain what kinds of atoms?

3. What are the four roles proteins play in living things
   a. 
   b. 
   c. 
   d. 

4. An enzyme is a type of protein that is a catalyst. What does a catalyst do? Name two types of reactions we have studied about making and breaking polymers that are catalyzed by an enzyme.

5. Circle and label the $R$: parts of an amino acid on the diagram. Which part is variable?

\[\text{Carboxyl} \]
\[\text{Amino} \]
\[\text{Variable} \]