

Protein Worksheet

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 3 parts of an amino acid on the diagram. Which part is variable?

Carboxyl
Amino
Variable

