

Name _____

Period _____

Ms Foglia • Regents Biology

Date _____

PROTEIN REVIEW

1. List 3 foods that contain mostly proteins. _____

2. List 3 ways that living creatures use proteins. _____

3. Give 3 examples of proteins in living organisms. _____

4. Proteins are chains of what smaller organic molecule? _____

5. Draw a simple picture of a protein showing this chain of smaller molecules.

6. How many different amino acids are there? _____

7. Amino acids are divided up into 2 basic groups. What are they?

8. What is meant by the term hydrophobic? _____

9. What is meant by the term hydrophilic? _____

10. Proteins are very large, complex molecules. They are first built by making a chain of amino acids. What happens to the molecule next, to create the right shape for the protein to function properly?

11. How do hydrophobic amino acids and hydrophilic amino acids cause proteins to have a specific shape?

12. What is it called when a protein unfolds? _____

13. Why does unfolding a protein make it not able to do its job in a living organism?
