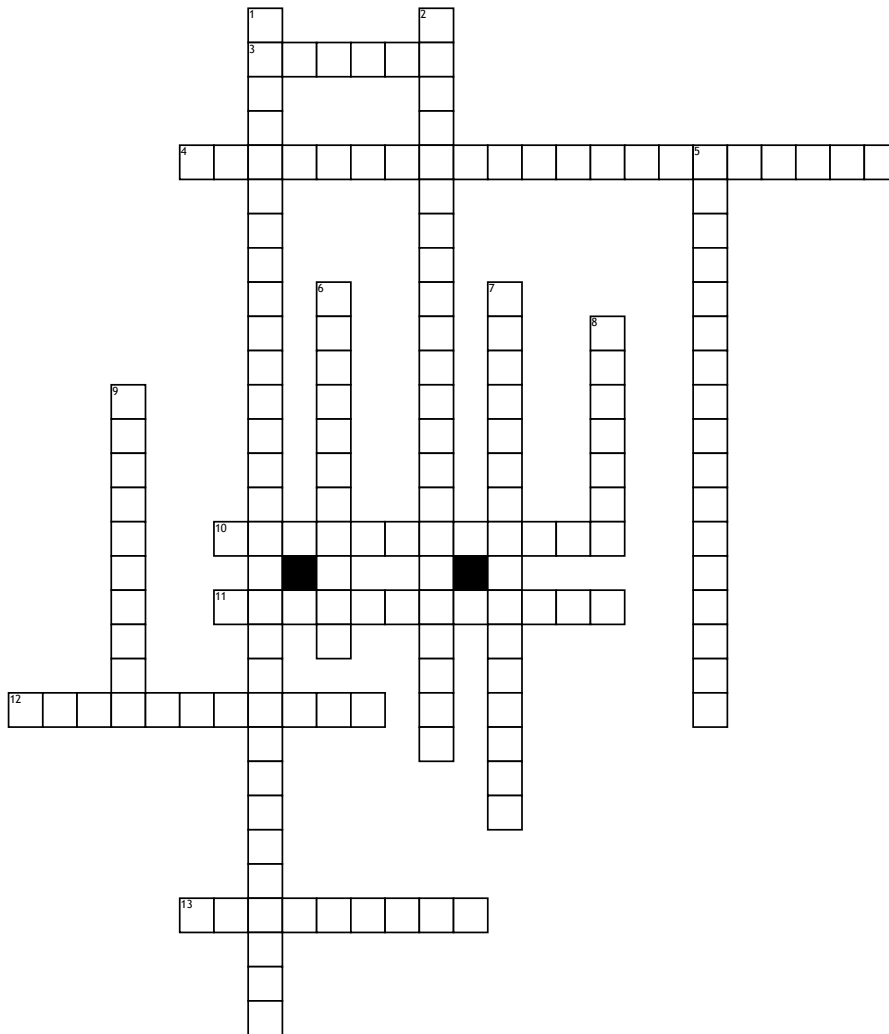


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Proteins & Enzyme



## Across

3. What is a specialized protein that is used to speed up a chemical reaction?
4. What are 2 parts that all amino acids have in their basic structure?
10. What is a alternation of the proteins that which can ultimately change its function?
11. What structural part differs in all amino acid groups?

## Word Bank

Radical group  
an amino acid  
lactose and lactase  
amino and carboxyl group  
Protein

12. One function of a protein.
13. What is the element or compound that enters into the chemical reaction?

## Down

1. Another function of a protien
2. What 2 chemical processes do amino acids use to link together with peptides?
5. Example of an enzyme and substrate.

Substrate  
Dehydration, hydrolysis  
Gives energy  
active site

6. What is a peptide?
7. What conditions can cause denaturation?
8. What is a singular or group of polypeptides folded into a 3-dimensional shape?
9. What does the substrate bind to in the chemical process with the enzyme?

repairs and maintenances your body  
Denaturation  
Enzyme  
temperature and pH