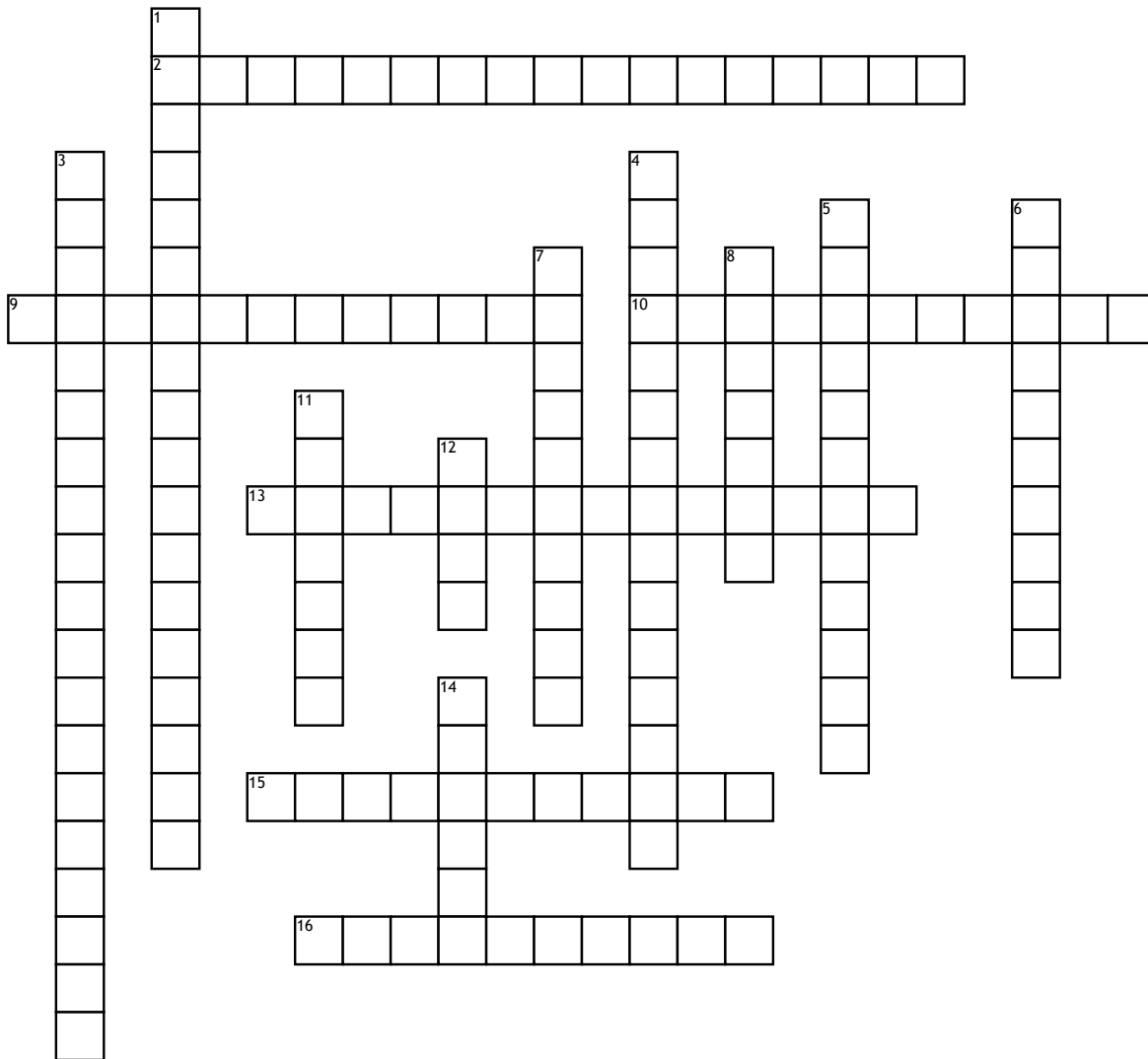


Name: \_\_\_\_\_

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

# Protein



## Across

2. A protein lacking 1 or more essential amino acids.  
 9. A process that changes the shape of protein molecule without breaking its peptide bonds.  
 10. A single protein molecule containing 10 or more amino acids linked in peptide chains.  
 13. Large protein molecules  
 15. To change a liquid into a soft semisolid or solid mass.

16. A group composed of 2 atoms of hydrogen & 1 atom of nitrogen.

## Down

1. A protein that contains all the essential amino acids.  
 3. Nine amino acids out of 20 that the body needs but cannot make itself.  
 4. A protein that contains all the essential amino acids.  
 5. Bonds between the nitrogen or 1 amino acids & the carbon of a 2nd amino acid.

6. A type of organic acid that chains together to make proteins.

7. Very large proteins that weaken/destroy foreign substances in the body.  
 8. Egg White.  
 11. The twisted, rope-like structure in an egg that keeps the egg yolk centered.  
 12. Air bubbles incorporated & trapped in a protein film  
 14. AN elastic substance formed by mixing water with the proteins found in wheat.