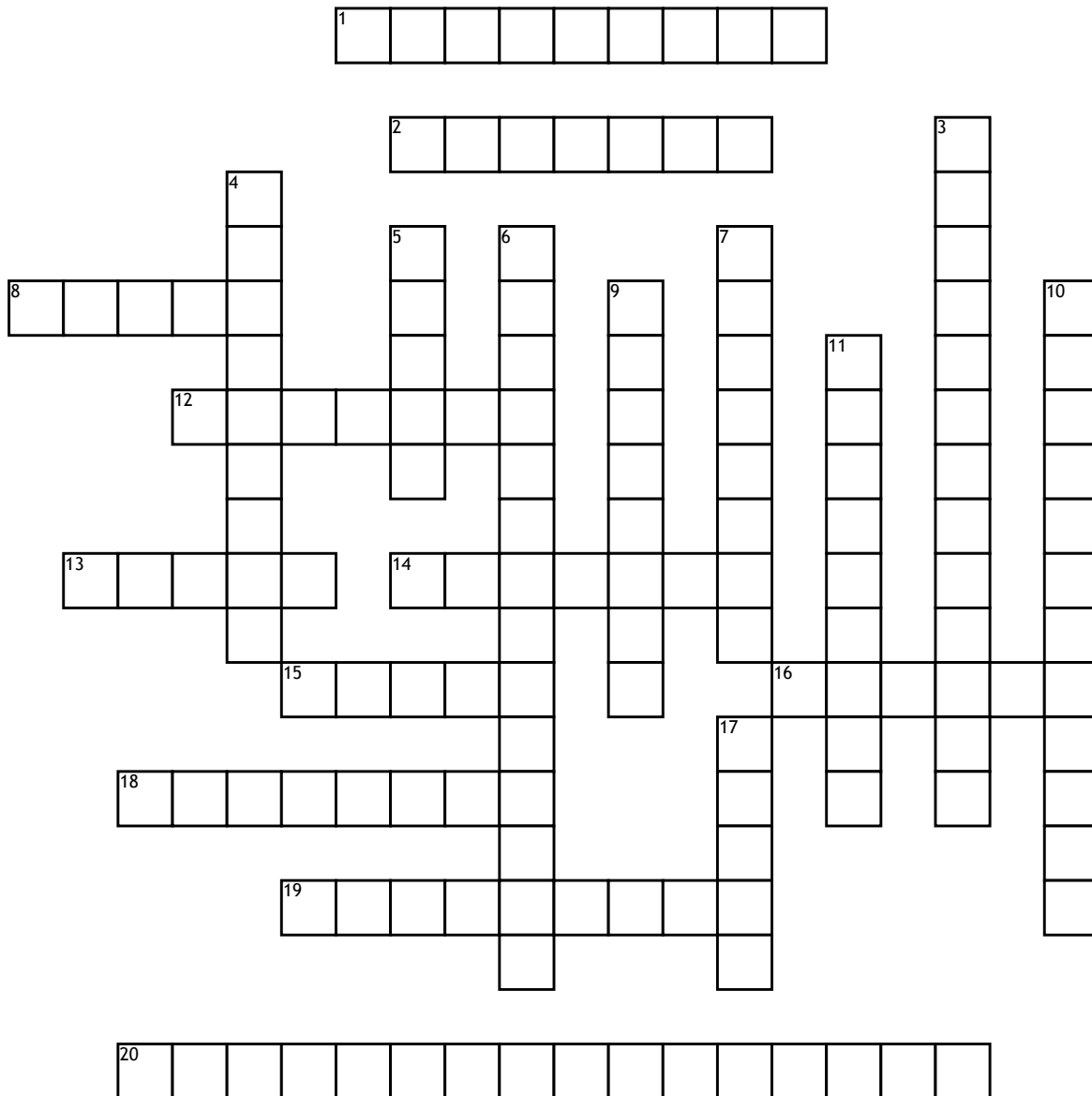


Name: _____

Date: _____

Proteins and Functional Groups



Across

1. Dictates function
2. Side chains can be _____, uncharged polar, or non polar
8. The central carbon in an amino acid
12. Type of amide bond that polymerizes amino acids
13. _____ + Carboxyl makes an Amide Bond
14. unique sequence of amino acids
15. Infectious, conformation changing protein

16. _____ conformation, the original functional shape
 18. _____ + phosphate makes a mixed acid anhydride
 19. The reactants of an enzymatic reaction
 20. Phosphate + phosphate
- ## Down
3. Carboxyl + Carboxyl
 4. Molecular _____, both inhibitor of improper folding and facilitator of proper folding
 5. Type of non-covalent bond formed between groups with full and opposing charges
 6. Structural polarity of polypeptides
 7. _____ + carboxyl makes an ester bond
 9. Distinctive 3-D shape of a polypeptide
 10. Phosphate + hydroxyl
 11. Not all proteins have this structure
 17. Type of bond formed between two hydroxyl groups