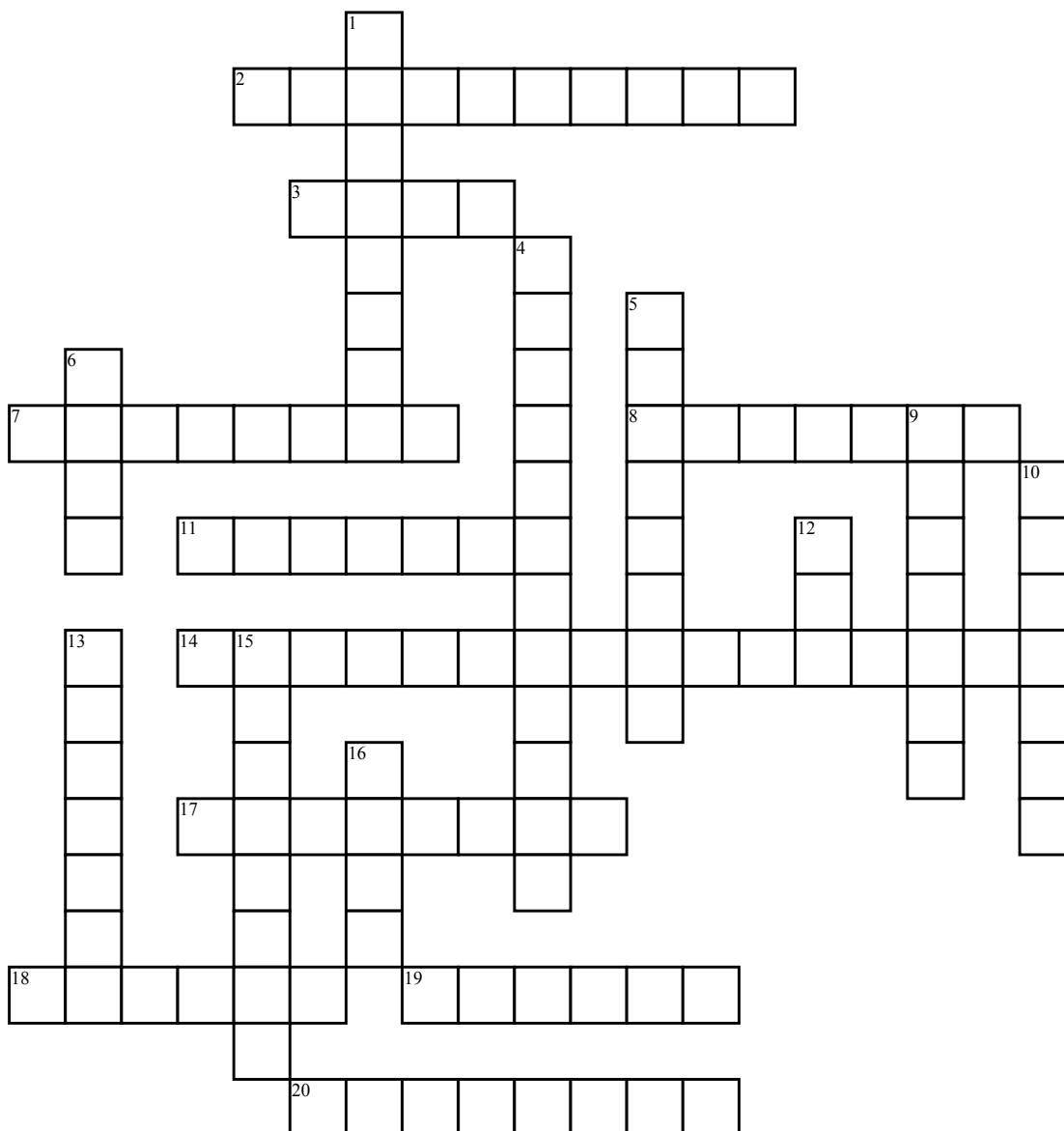


Name: _____ Date: _____ Period: _____

Chemistry of Life Crossword Puzzle



Across

2. mixture of water and non-dissolved materials
3. basic unit of matter
7. substance that speeds up the rate of a chemical reaction
8. substance made up of only one kind of atom
11. a scale from 0 to 14 reflecting the concentration of hydrogen ions in solution
14. energy needed to get a reaction started
17. element or compound produced by a chemical reaction

18. positively charged particles
19. protein that acts as a biological catalyst
20. smallest unit of most compounds

Down

1. atoms of the same element that contain different number of neutrons
4. bond formed by the sharing of electrons between atoms
5. negatively charged particle; located outside the atomic nucleus
6. compound that produces hydrogen ions in solution
9. particles with no charge

10. large compound formed from combinations from many monomers
12. atom or group of atoms that has acquired a positive or negative charge as a result of gaining or losing electrons
13. small unit that can form together with other small units to create a polymer
15. attraction between molecules of the same substance
16. compound that forms hydrogen ions in solution