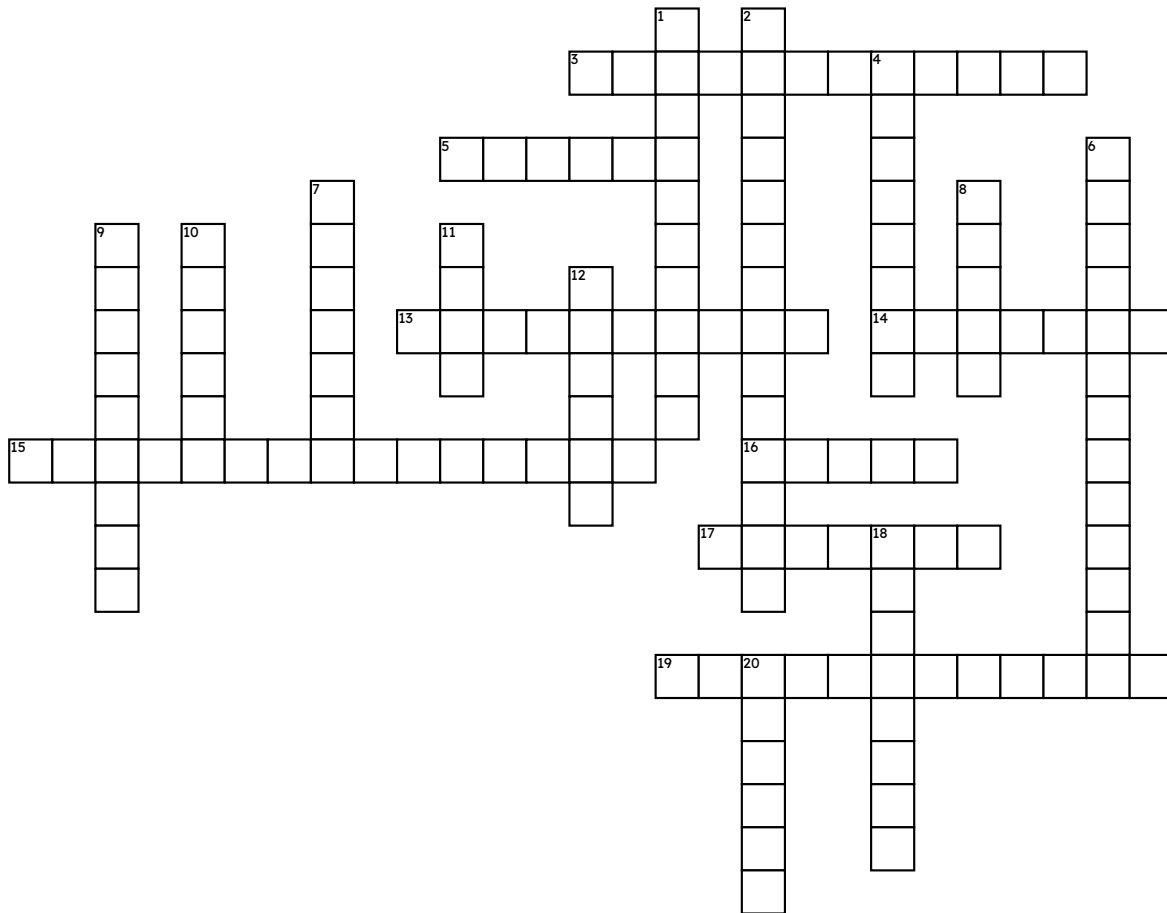


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# The Periodic Table



## Across

3. A bond between two or more metallic elements
5. It fills up balloons
13. Krypton, Helium, Neon, Argon
14. It has no charge
15. An electron located in the outermost shell of an atom
16. All the atoms in period 3 have \_\_\_ electron shells
17. A substance made of only one type of atom
19. The number of protons in an element

## Down

1. Sum of the number of protons and neutrons
2. Group 1 of the periodic table
4. A substance composed of two or more elements
6. A list of elements organized according to atomic number and properties
7. An element that has the same number of protons but a different number of neutrons
8. The vertical columns on the periodic table

9. the chemist that created the periodic table
10. it has a positive charge and is found in the nucleus
11. The smallest particle of an element
12. The horizontal rows on the period table
18. It has a negative charge
20. We need it to survive