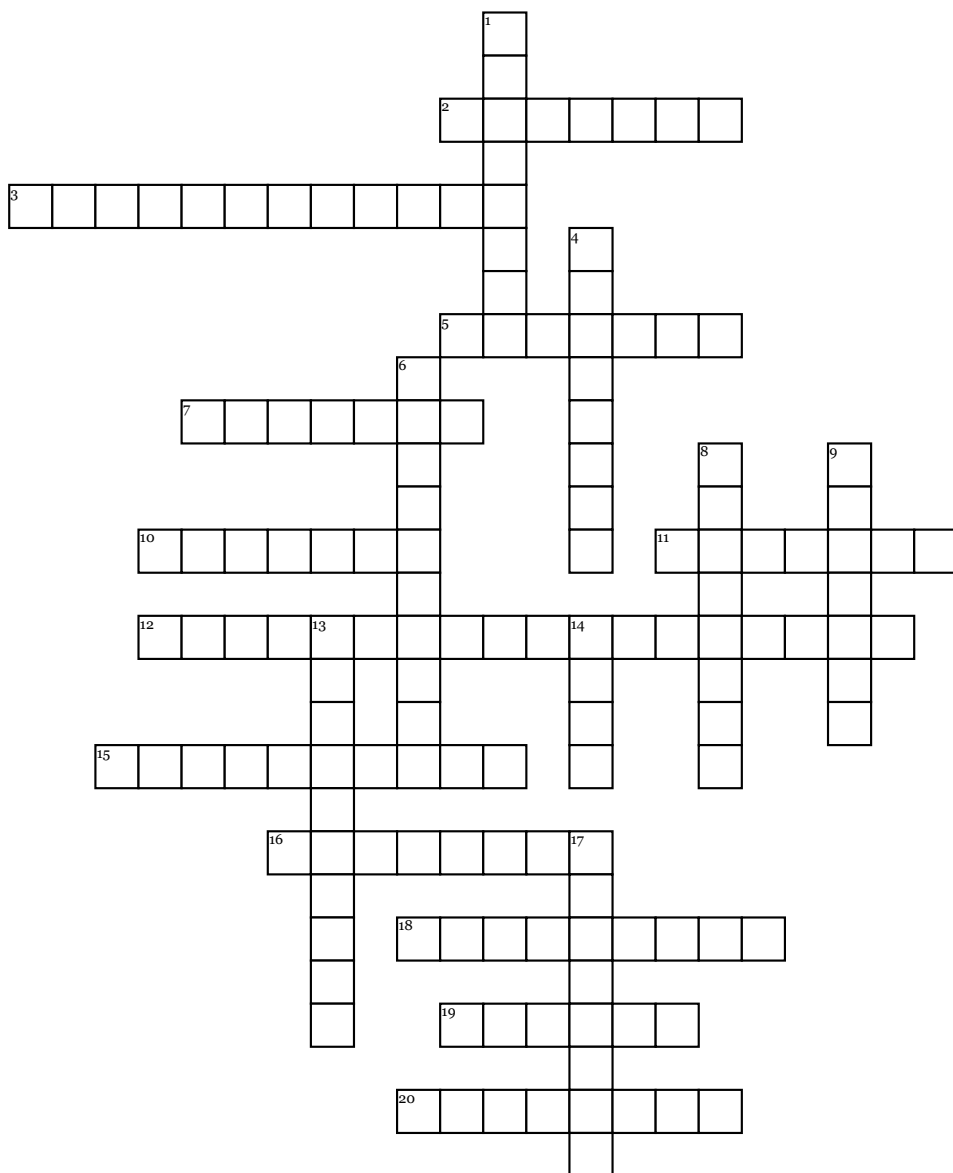


Name: _____

Date: _____

Periodic Table



Across

2. each of two or more forms of the same element that contain equal numbers of protons but different numbers of neutrons in their nuclei
 3. another term for atomic mass
 5. a subatomic particle of about the same mass as a proton but without an electric charge, present in all atomic nuclei except those of ordinary hydrogen.
 7. neutron charge
 10. symbol Kr and atomic number 36
 11. positively-charged center of an atom that usually contains the protons and neutrons
 12. a particle smaller than an atom (e.g., a neutron) or a cluster of such particles (e.g., an alpha particle)

15. chemical element with the symbol P and atomic number 15
 16. electron charge
 18. has the atomic symbol Mg, atomic number 12
 19. a stable subatomic particle occurring in all atomic nuclei, with a positive electric charge equal in magnitude to that of an electron, but of opposite sign.
 20. the symbol H and atomic number 1

Down

1. proton charge
 4. the atomic symbol N, atomic number 7

6. also called atomic mass number or nucleon number, is the total number of protons and neutrons (together known as nucleons) in an atomic nucleus.
 8. chemical element with the symbol Al and atomic number 13
 9. pure substance that is made from a single type of atom
 13. is a chemical element with the symbol Tc and atomic number 43
 14. the basic unit of a chemical element
 17. a stable subatomic particle with a charge of negative electricity, found in all atoms and acting as the primary carrier of electricity in solids