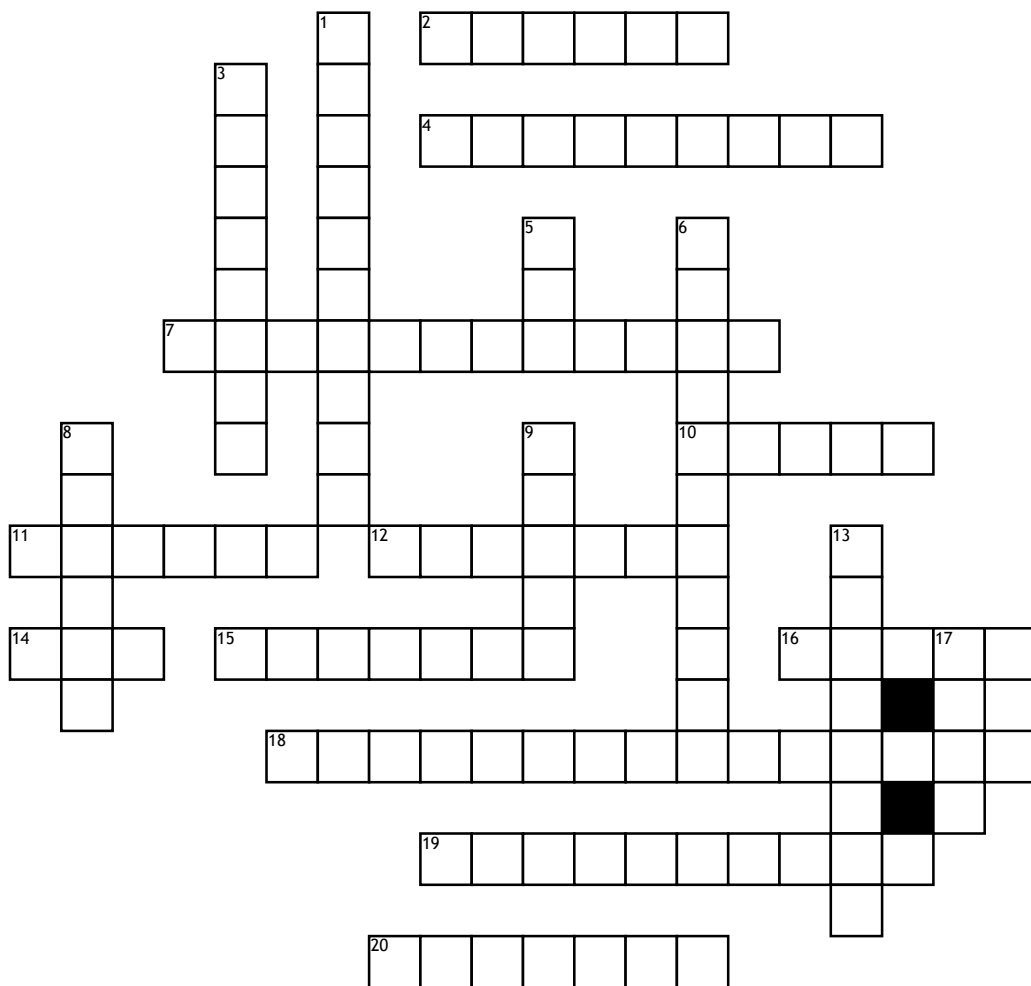


Name: _____

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Periodic Table



Across

2. An ion with a positive charge
 4. An element that has properties of both a metal and nonmetal
 7. The number of protons in the nucleus of an atom
 10. A vertical column of elements in the periodic table
 11. A positively charged subatomic particle in the nucleus of an atom
 12. A region in an atom where there is a high probability of finding electrons
 14. An atom or a group of atoms that has lost or gained one or more electrons and therefore has a net electric charge

15. A neutral subatomic particle in the nucleus of an atom

16. The elements that are good conductors of heat and electricity
 18. An electron in the outermost energy level of an atom
 19. The process of adding electrons to or removing electrons from an atom or group of atoms
 20. The center of an atom; made up of protons and neutrons

Down

1. The total number of protons and neutrons in the nucleus of an atom

3. The elements that are usually poor conductors of heat and electricity

5. Symbol for atomic mass unit
 6. Any of the possible energies an electron may have in an atom
 8. A horizontal row of elements in the periodic table
 9. An ion with a negative charge
 13. A negatively charged subatomic particle found in the energy level of an atom
 17. The smallest particle that has the properties of an element

Word Bank

Ionization

Energy Level

Metalloid

Period

Proton

Atomic Number

Valance Electron

Orbital

Atom

Group

Amu

Cation

Nucleus

Anion

Neutron

Ion

Nonmetal

Mass Number

Metal

Electron