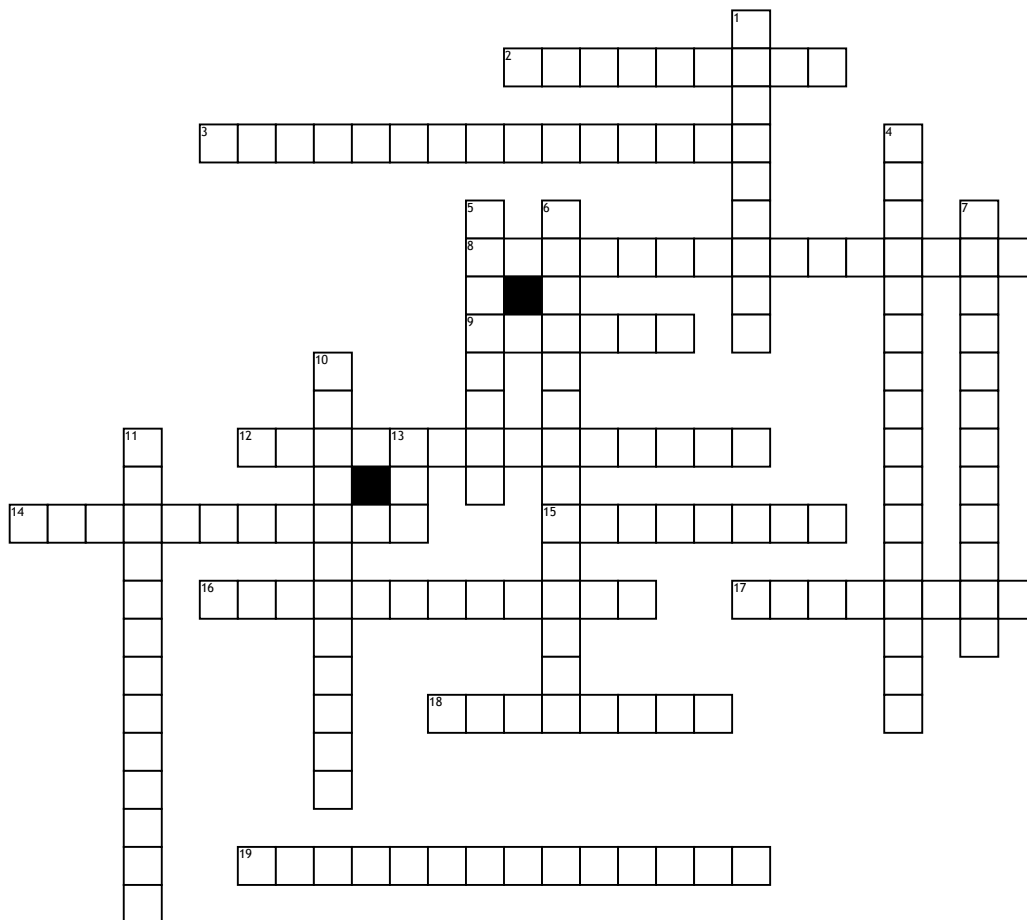


Bonding and Naming



Across

2. Formed when one or more electrons are transferred from one atom to another
 3. A combination of chemical symbols and numbers to represent a substance
 8. Positive or negative number that indicates how many electrons an atom has gained, lost, or shared to become stable
 9. Liquid part of blood
 12. A change in matter that produces one or more new substances
 14. Solid to gas
 15. A group of atoms bonded together

16. A chemical bond that involves sharing a pair of electrons between atoms in a molecule
 17. A chemical substance that is present at the start of a chemical reaction
 18. The elements or compounds produced by a chemical reaction
 19. A change in a substance that does not involve a change in the identity of the substance

Down

1. A covalent bond in which electrons are shared unequally

4. The process by which one or more substances change to produce one or more different substances
 5. Equal sharing of electrons
 6. A compound composed of two elements
 7. The temperature at which a solid becomes a liquid
 10. The force that holds two atoms together
 11. An ion that is made of more than one atom
 13. A charged atom

Word Bank

Polar Bond	Plasma	Melting Point	Chemical Formula	Chemical Bond
Physical change	Chemical Reaction	Binary Compound	Polyatomic Ion	Covalent Bond
Chemical Change	Sublimation	Ion	Ionic Bond	Products
Reactant	Non-Polar	Molecule	Oxidation Number	