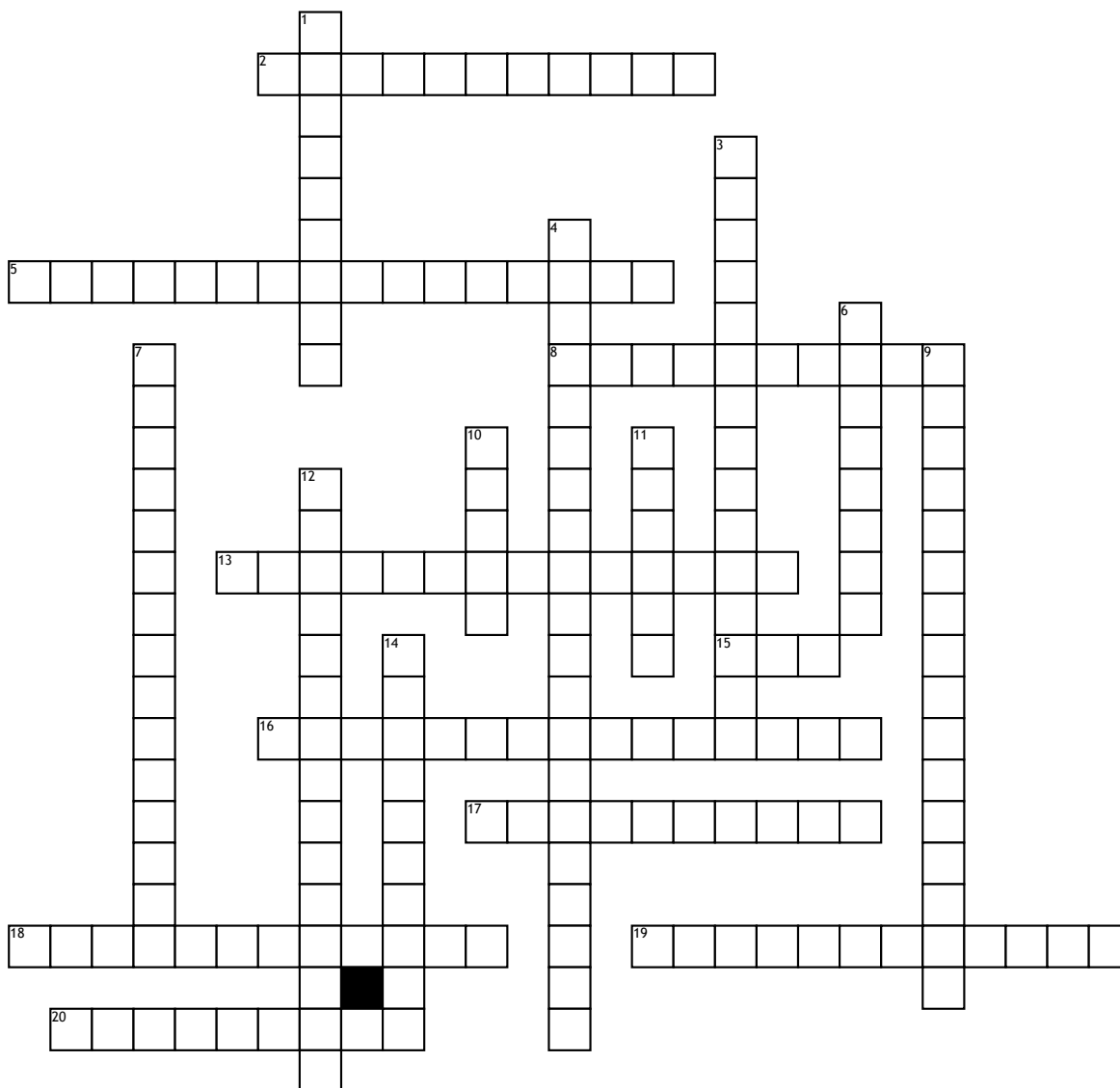


Name: _____

Date: _____

Bonding & Reactions Unit 6



Across

2. Notations for a positive or negative ionic charge
 5. The energy required to remove the electron from its shell to an isolated atom
 8. A chemical bond between two atoms
 13. Many atoms with a charge
 15. Electrons that are gained or lost
 16. A diagram that shows bonding between atoms
 17. A chemical bond between two chemical elements

18. The sharing of electrons to obey its octet rule

19. An electrical force that holds atoms together
 20. A bond that occurs between a metal and nonmetal

Down

1. Number of atoms
 3. The type of chemical bond between atoms in a metallic element
 4. When atoms are spatially arranged
 6. A covalent compound

7. An expression that states the number and type of atoms

9. Molecule composed into two atoms
 10. Negatively charged ion
 11. Positively charged ion
 12. An electron located in the outermost shell
 14. A chemical bond where three atoms share three pairs of electrons