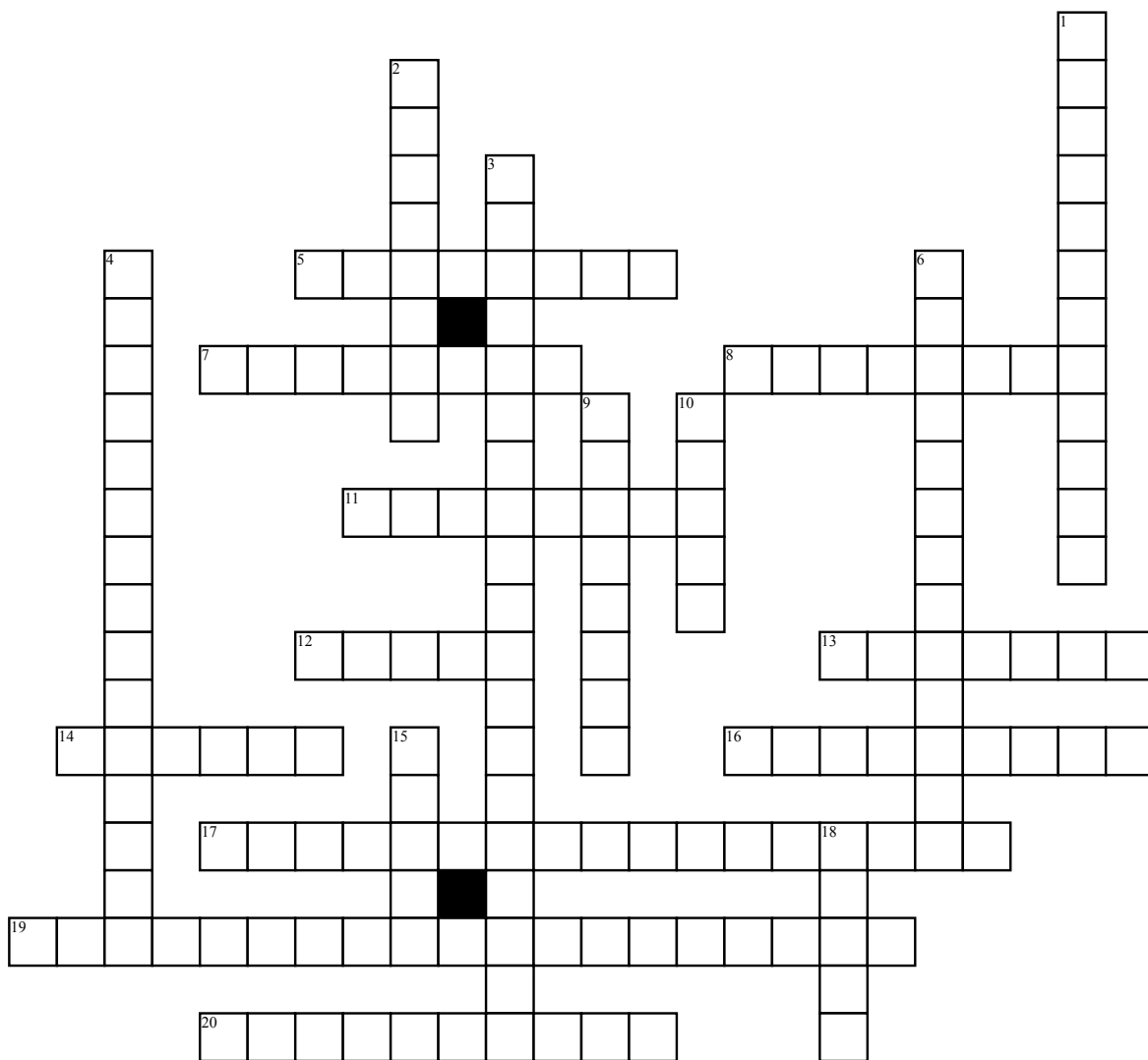


Name: _____

Date: _____

Chemical Bonding 1



Across

5. Cation is? Positive or Negative?

7. Is an anion a metal or non-metal?

8. What is it called when electrons are shared between atoms?

11. If you have Hydrogen and Chlorine, H-Cl which is a little bit positive, and will receive the Delta symbol

12. If your DeltaEN is 2.1 and higher your bonding type is?

13. Covalent bonds are 2 atoms _____ electrons?

14. _____ have low electronegativity

16. _____ have high electronegativity

17. What is it called when an atom is "electron hungry" strongly attracts electrons

19. Very weak forces that result from polarity?

20. Going up your periodic table and going to your left you are _____ the electronegativity

Down

1. What is it called when 2 non-metals bond?

2. Ionic bonds are a _____ of electrons

3. Bonds that hold molecules together?

4. When there is a covalent molecule that exists as a twin, is more stable as a twin, and is written as 2 atom rather than 1, what is it called?

6. If your DeltaEN is 0.1 - 2.1 this is what bond type?

9. Anion is? Positive or Negative?

10. Attraction between 1 non-metal and 1 metal? Covalent or Ionic bond?

15. When an atom is closer to filling its _____ its more electron hungry?

18. Use _____ theory to predict the shapes of molecules? This is in a Abbreviation