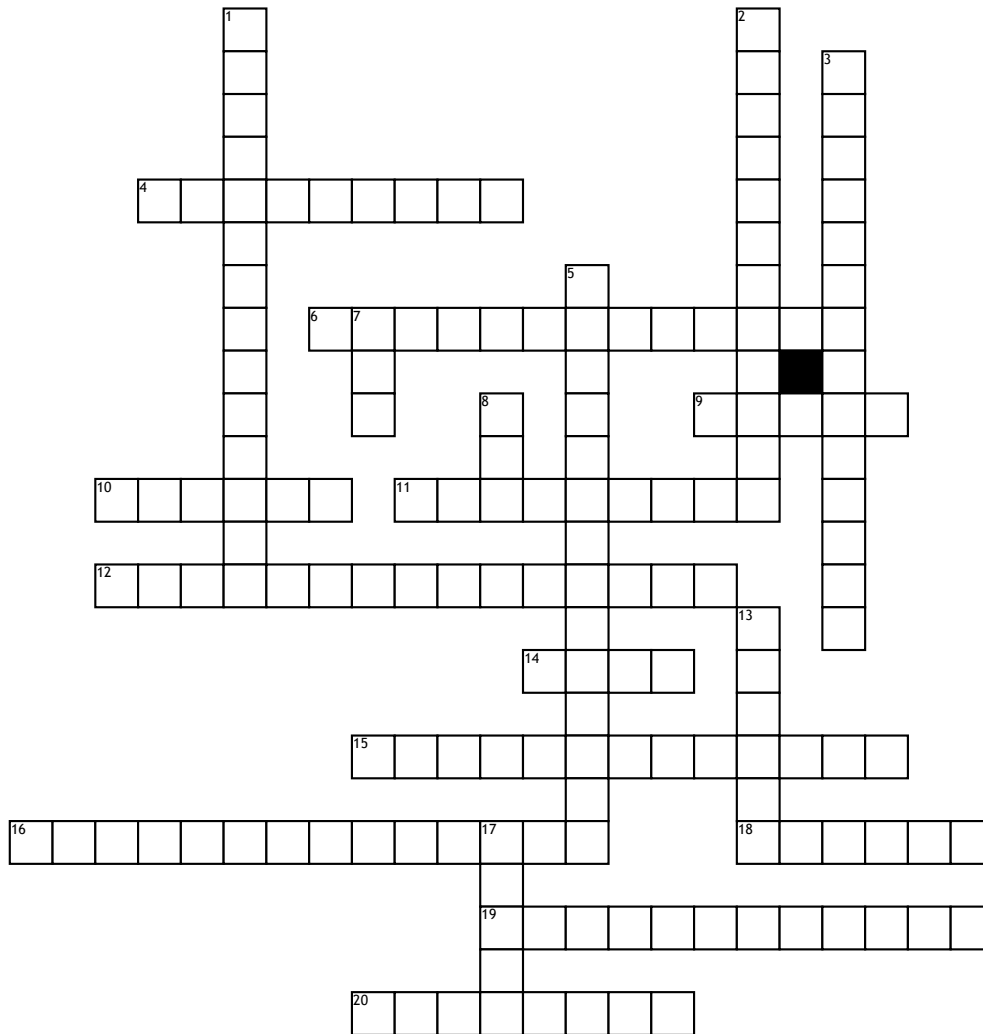


Ionic Bonding



Across

4. Primary reason why elements form compounds
 6. What holds an ionic bond together
 9. What is the name given to the most stable electron configuration
 10. What is the formula for Sodium Chlorate
 11. Transfer of electrons
 12. Tells you how many atoms of each element combine

14. Force that holds the atoms together in a substance
 15. Ionic compounds have high
 16. What is the name of the first group metals
 18. What is the formula for Sodium Carbonate
 19. What is yellow, solid, brittle
 20. An ionic bond involves the _____ of electrons

2. Sharing of electrons
 3. What looks like crystal rocks is brittle and cubic shaped
 5. What is solid at room temperature
 7. What type of electronegativity do metals have
 8. Atom with + or - charge
 13. A positive ion is called?
 17. What is a negative ion called

Down

1. As you go down the group, elements have more..

Word Bank

Melting points	NaClO ₃	Alkaline metals	Ion	Covalent Bond
Ionic Bond	Octet rule	Subscript number	Ionic compounds	Cation
Sodium Chloride	Noble	Transfer	Electron shells	Bond
Iron Chloride	Low	Anion	Na ₂ CO ₃	Electro-Static