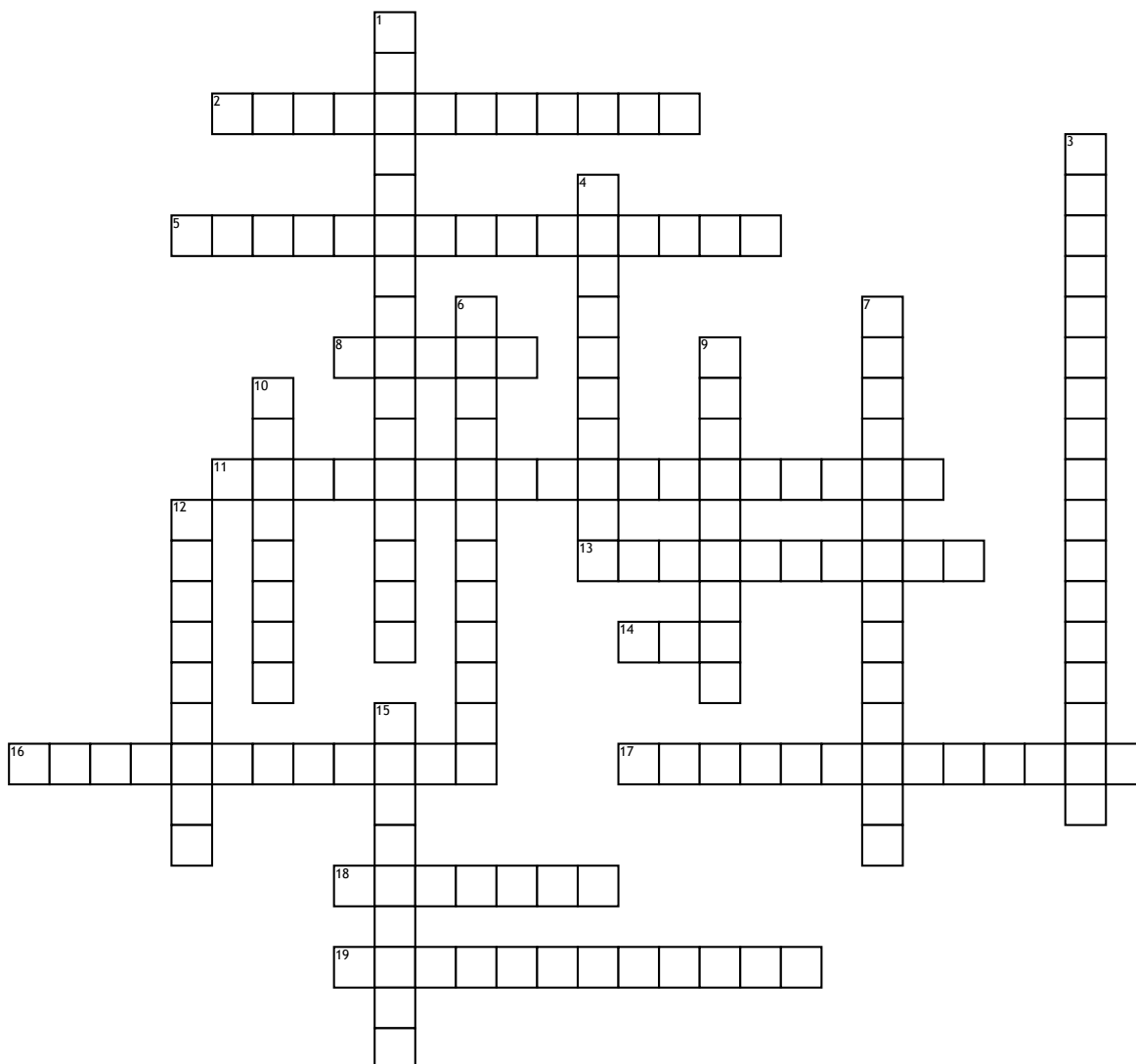


# Chapter 5 vocabulary



## Across

2. an attraction between a positive metal ion and electrons surrounding it

5. is a combination of symbols that shows the ratio of elements in a compound

8. is a mixture made of 2 or more elements that has the properties of metal

11. includes the symbol for each element surrounded by dots

13. two atoms share two pairs of electrons forming a

14. is an atom or group of atoms that has an electric charge

16. is the force of attraction that holds 2 atoms together as a result of the rearrangement of electrons between them

17. a compound that consist of positive and negative ions

18. ions that form an orderly, three dimensional arrangement

19. the chemical bond formed when two atoms share electrons

## Down

1. are those electrons that have the highest energy level and held most loosely

3. is a compound that is composed of molecules

4. in which atoms share three pairs of electrons

6. a covalent bond bond in which electrons are shared equally

7. ions that are made of more than one atom

9. is the attraction between two oppositely charged ions

10. is a neutral group of atoms joined by covalent bonds

12. it tells you the ratio of elements in the compound

15. a covalent bond in which electrons are shared unequally