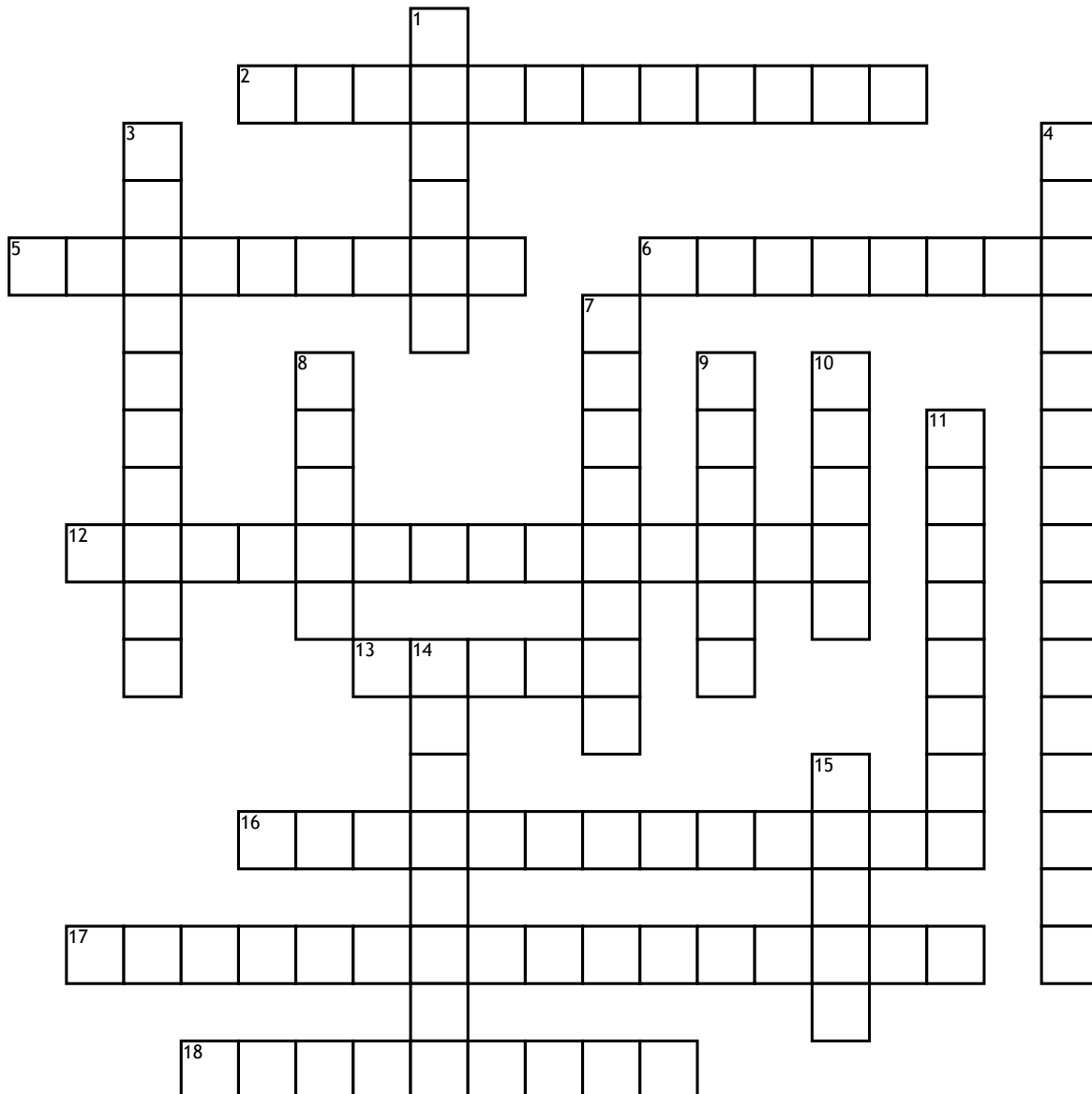


# Bonding



## Across

2. The outer energy level of an atom  
 5. Atoms wanting to have a full valence shell \_\_\_\_  
 6. If an atom loses an electron, its charge is  
 12. What is the name of this compound: LiBr  
 13. What is made when an atom gains an electron  
 16. The type of bond where electrons are not shared equally

17. The charges on formed ions \_\_\_\_

18. On the right hand side of the periodic table

## Down

1. On the left hand side of the periodic table  
 3. The stair step line on the periodic table  
 4. We use this short hand notation to represent the atoms present in a compound \_\_\_\_  
 7. What we call two elements bonded together

8. Type of bond made when electrons are transferred to an atom

9. When an atom loses electrons, this is formed

10. The amount of electrons phosphorus will accept

11. Bond that shares electrons.

14. If an atom gains an electron, its charge is

15. Chlorine has this many valence electrons