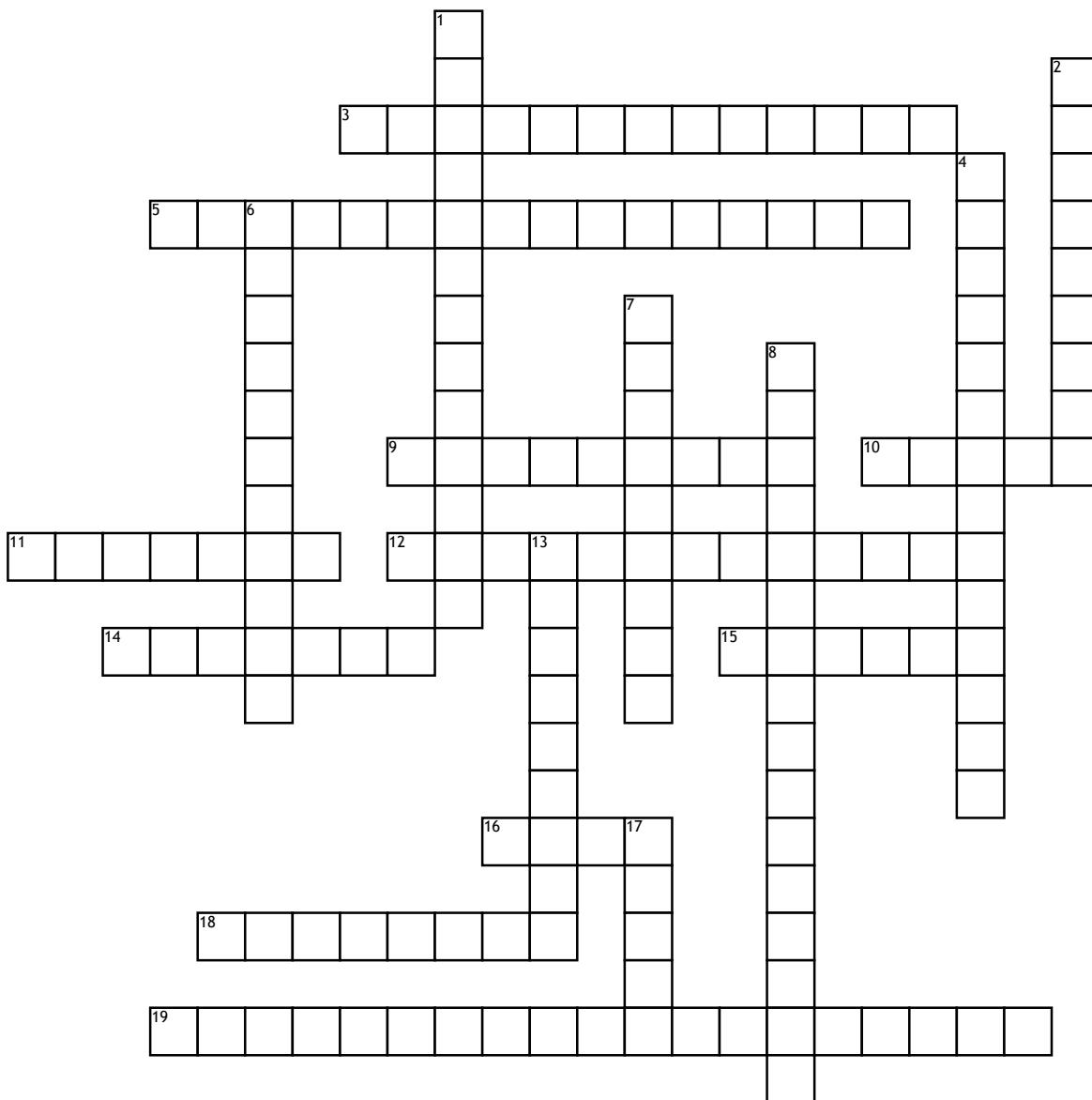


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Electromagnetism



## Across

- 3. The two poles a magnet has are:
- 5. When you introduce electricity in a conductor you generate
- 9. Types of magnets that always produces a magnetic force field
- 10. What is matter made up of?
- 11. what do opposites poles do to each other?
- 12. Type of current electricity that is constant

14. Particles with positive charge

15. A material that is dipolar and exerts forces on particles

16. How many fundamental forces are there?

18. Particles with no charge

19. Types of magnets that create a magnetic field only when electricity is applied

## Down

1. Types of metal that can be transformed into magnets

2. What are atoms made up of?

4. The forces that interact between particles when they aren't moving

6. The flow of electric charge trough matter

7. Physical phenomena arising from forces caused by magnets

8. type of current that is changing from positive to negative

13. Particles with negative charge

17. What do same types of charges do to each other?