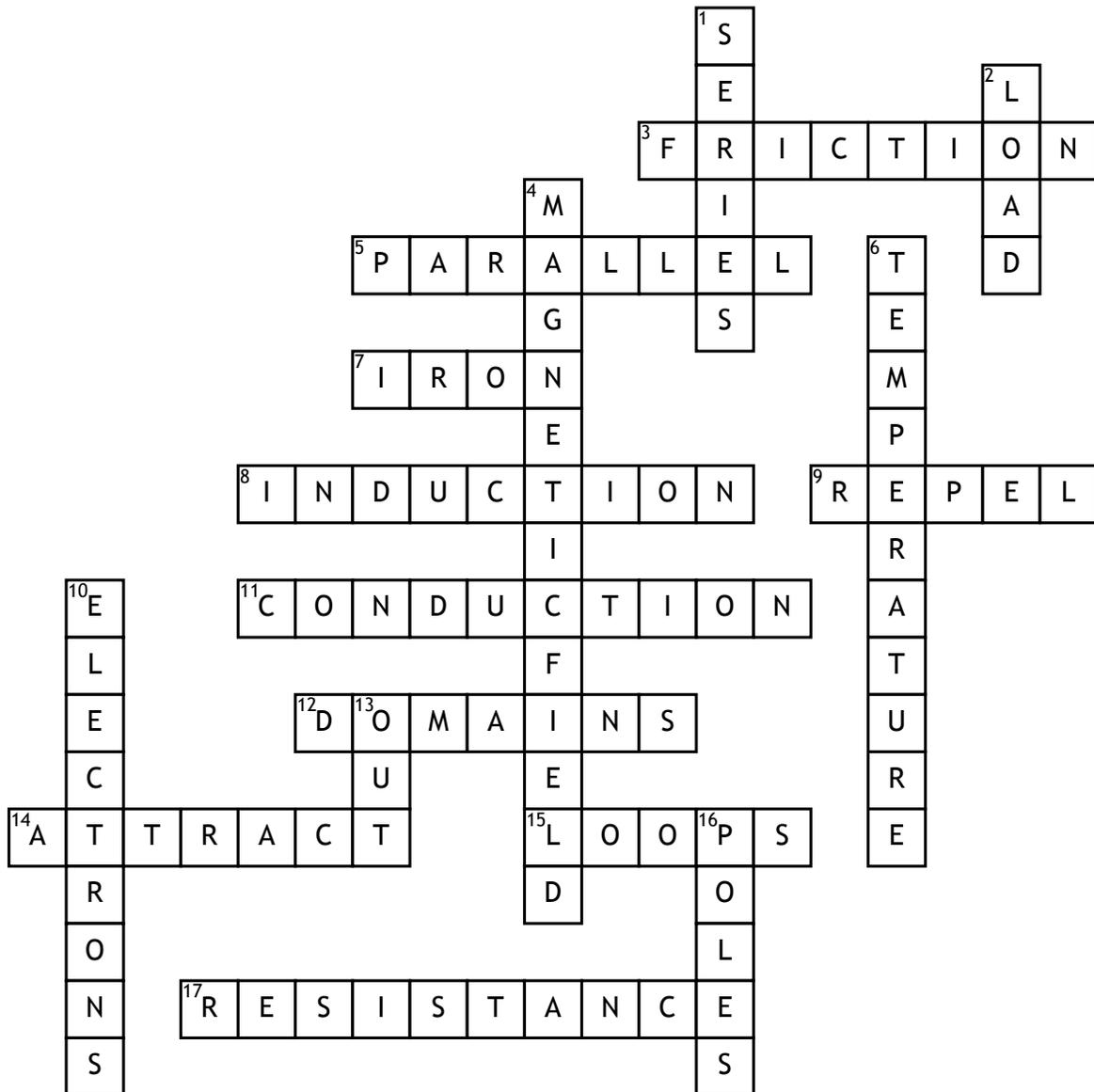


Name: \_\_\_\_\_

# Electricity, Magnetism and Electromagnetism



**Across**

- 3. When electrons are wiped from one object to another
- 5. A circuit with more than one path
- 7. A very magnetic metal is
- 8. When electrons move from one object to another without direct contact
- 9. A south and a south pole will
- 11. When electrons move from one object to another through direct contact

12. What must align to make the iron core magnetic?

14. A north and a south pole will

15. To increase the strength of an electromagnet, you must add more \_\_\_\_\_

17. A wire that is short will have the least amount of

**Down**

1. A circuit with only one path

2. A light bulb can also be known as a

4. The area around a magnet where the electric force can be felt

6. For less resistance for electricity to flow you need a low

10. \_\_\_\_\_ are the only subatomic particle that can move from object to object in static electricity

13. If one bulb blows in a series circuit, the other bulbs will go \_\_\_\_\_

16. The ends of a magnet are called