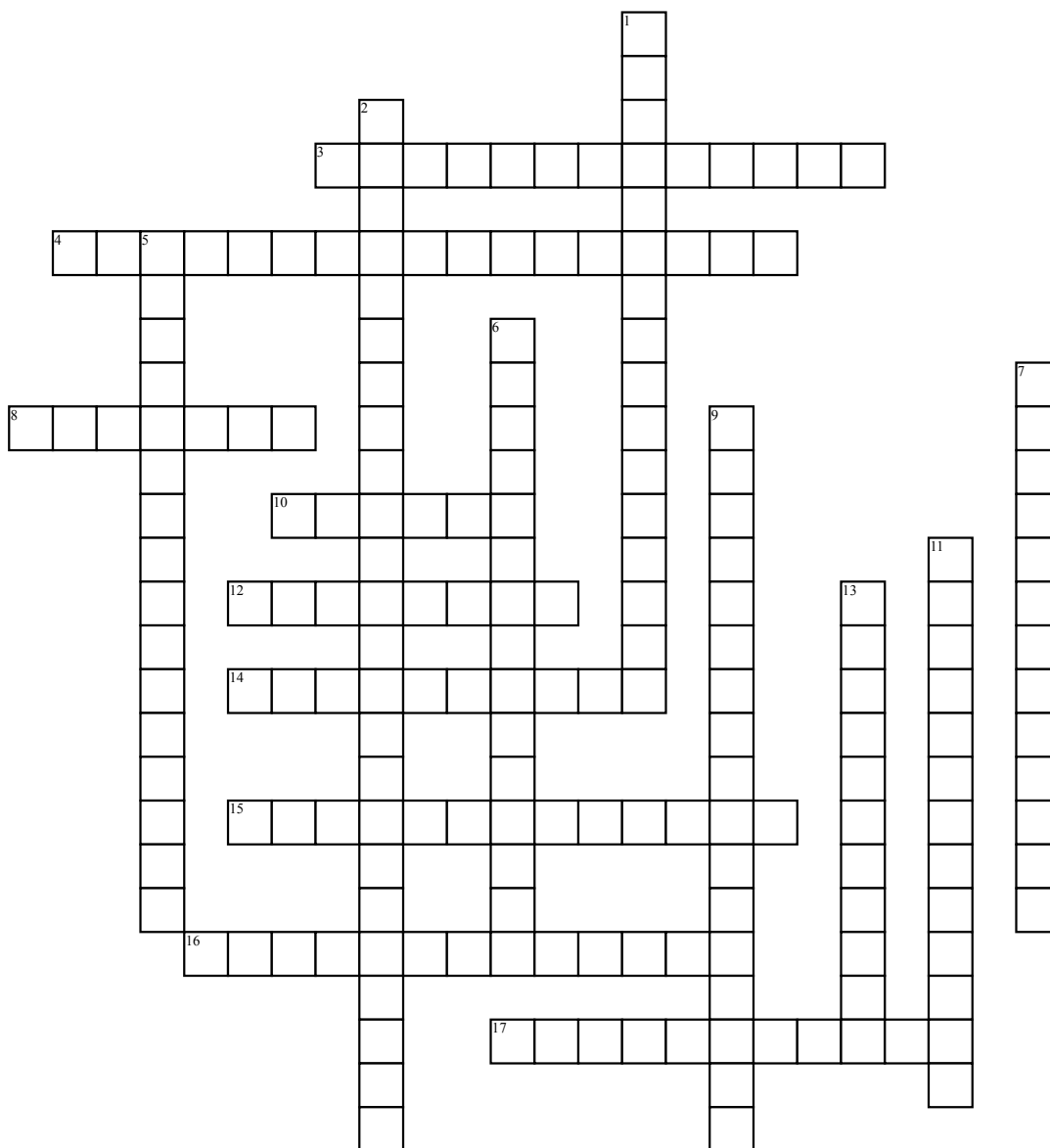


Electromagnetism



Across

3. What changes electrical energy into mechanical energy?
4. What is the rate is the flow of electrical charges?
8. What is the amount of required to move each unit of charge between two points?
10. What attracts iron or items made out of iron?
12. What is a coil of wire that carries an electric current and produces a magnetic field?
14. What is the opposition to the flow of the energy charge?

15. What are the ends of magnets called?

16. What conducts electrical charge better than electrical insulators but not as well as electrical conductors?

17. What is it that makes to magnets push or pull away from each other?

Down

1. What property leads Electromagnetic interactions between particles that make up matter?
2. What uses a magnetic field to create an electric current in a wire?

5. What has a relationship between electricity and magnetism?

6. What is the area surrounding a charge where an electrical force can be detected?

7. What is the area surrounding the magnet called?

9. What uses induction to change mechanical energy into electrical energy?

11. What wraps a solenoid around an iron core?

13. What uses induction to increase or decrease the voltage of alternating current?