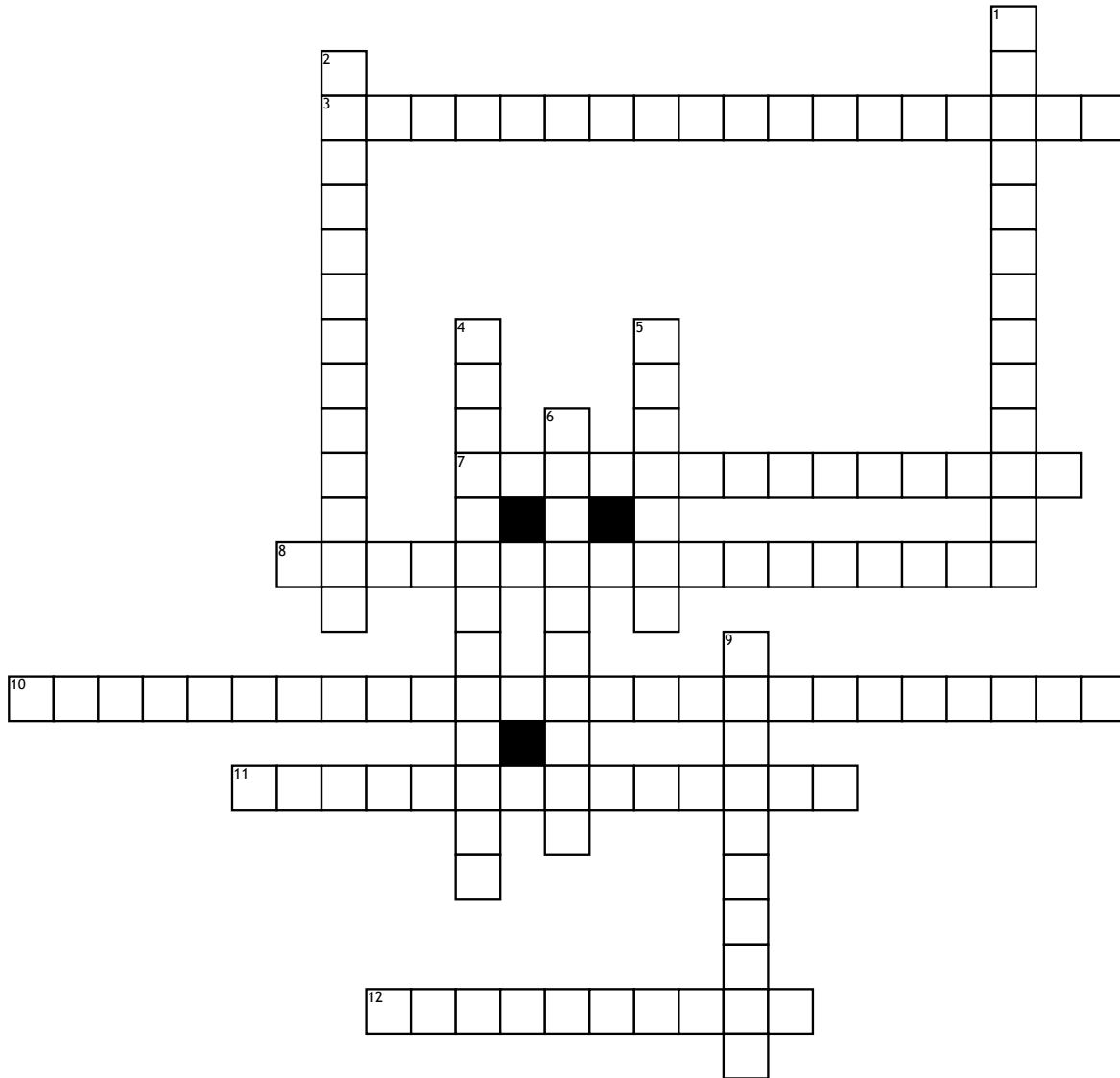


Electricity and Magnetism



Across

- 3. The current that reverses the direction of the current flow in regular patterns.
- 7. What is a temporary magnet made by wrapping a wire coil carrying a current around an iron core?
- 8. What is a device that changes mechanical energy to electrical energy?
- 10. What law is it when electric charges can be transferred from object to object but cannot be created or destroyed?

- 11. What is a combination of series and parallel circuits?
- 12. What material is where electrons move easily?

Down

- 1. What is a device that changes electrical energy into mechanical energy?
- 2. What field exerts a force on other magnets and objects made of magnetic materials?
- 4. The current that flows in only one direction through a wire.

- 5. What force causes electric charges to flow?
- 6. What is the tendency for a material to oppose the flow of electrons, changing electrical energy into thermal and light energy?
- 9. What material is where electrons are not able to move easily?