

Magnets

Across

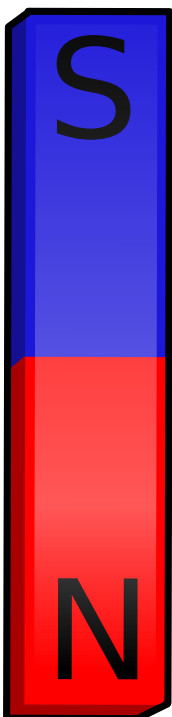
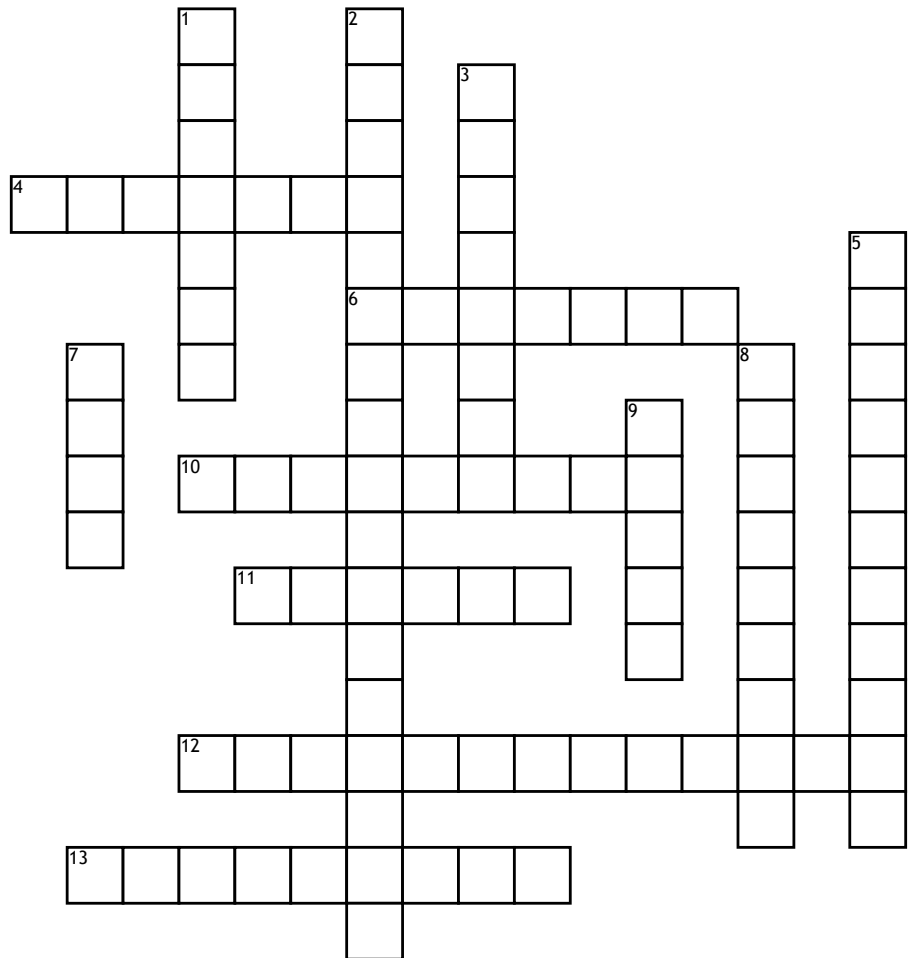
4. To pull toward one another

6. An instrument that uses a freely moving magnetic needle to indicate direction

10. A form of the mineral magnetite that is naturally magnetic

11. A document granting the right to take credit for an invention

12. A piece of iron that becomes a temporary magnet when electricity flows through an insulated wire wrapped around it



13. A property of certain kind of materials that cause them to attract iron or steel

Down

1. The flow of electricity through a conductor

2. Positive and negative electric charges that are separated from each other and are not moving

3. The material in a light bulb

5. A form of energy that can produce light, heat, and magnetism

7. Either of two opposing forces or parts, such as the poles of a magnet

8. A flash of light caused by a discharge of static electricity

9. To push away, as similar poles of two magnets push away from one another