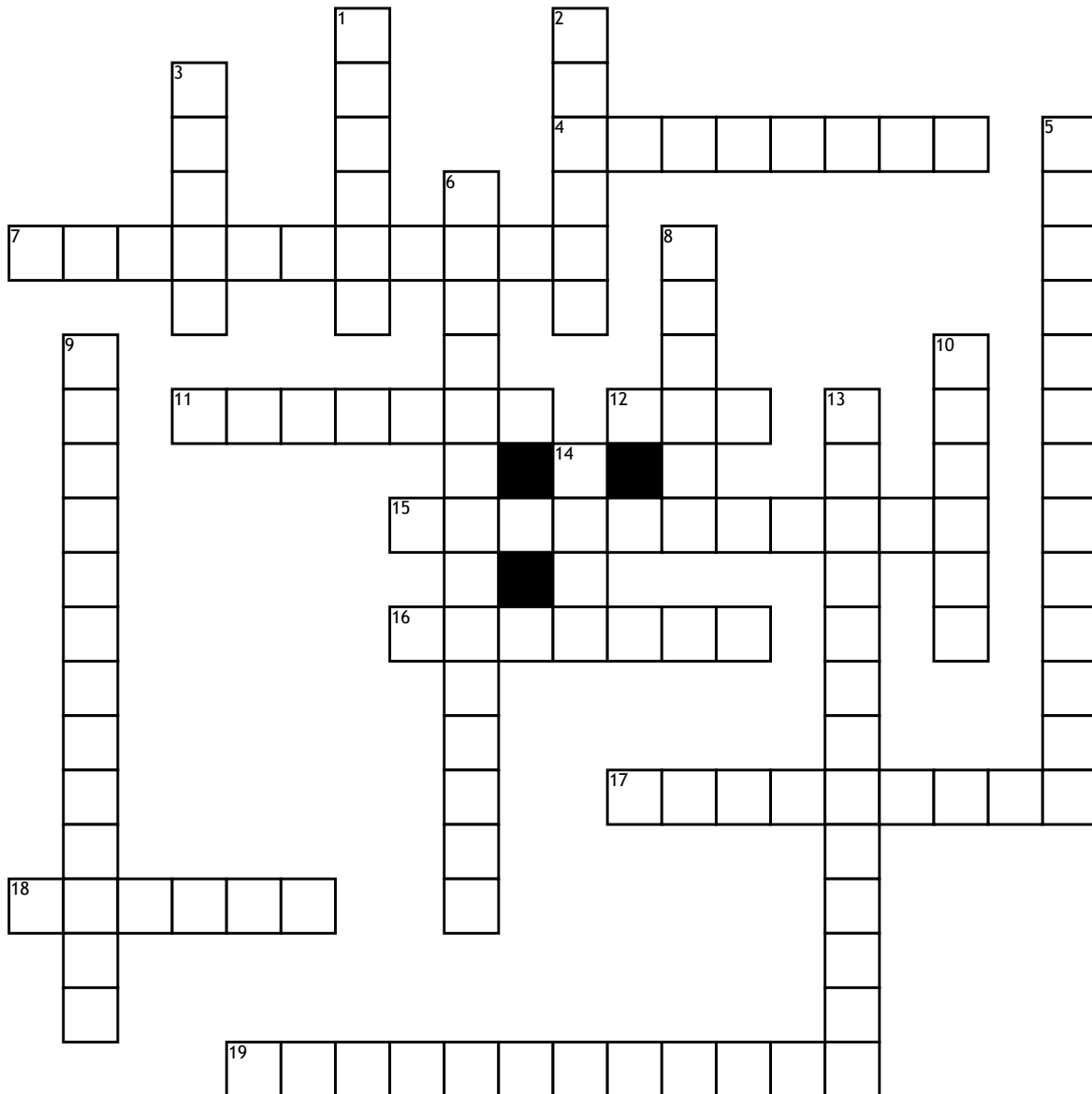


Name: _____

Date: _____

Physics



Across

- 4. Type of circuit that has two or more paths for the electricity to flow
- 7. Another name for Volta's battery
- 11. Interaction of solar wind with the Earth's magnetosphere
- 12. Acronym for light emitting diode, an efficient and long-lasting lighting that uses a semiconductor to convert electricity into light
- 15. Light bulb in which ultraviolet light, produced from electrical current moving through mercury vapor, causes coating inside of bulb to glow
- 16. A device that transforms chemical energy into electrical energy

17. Instrument that measures air pressure and is used to predict weather

- 18. Type of circuit that has only one path for the electricity to flow
- 19. Type of light bulb that converts less than 5 percent of electrical energy into visible light

Down

- 1. Device used to interrupt the flow of electrons in a circuit
- 2. Malleable metal that conducts heat and electricity well, and is used in electrical wires and tape
- 3. Invented the first electric battery

5. A device that transforms electrical energy into mechanical energy

- 6. Invented the first electric motor
- 8. Physicist who showed shape of magnetic field around a live wire is a cylinder
- 9. Part of the earth that deflects solar wind and is generated from moving iron alloys in molten core
- 10. Physicist who discovered the flow of electric current through a wire produces a magnetic field
- 13. Type of magnet in which magnetic field is produced by an electric current
- 14. Unit of force that drives current