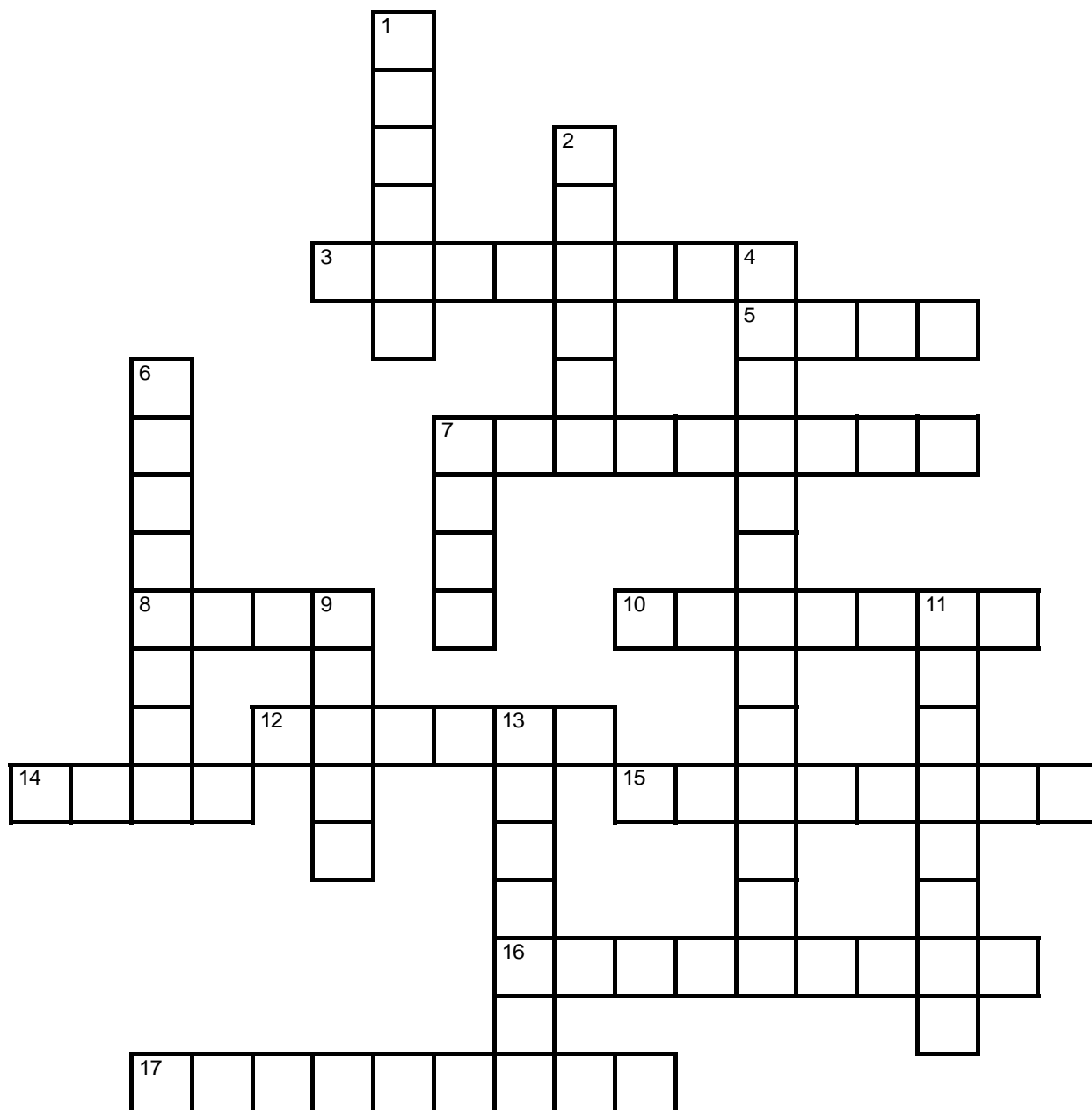


Name: _____

Date: _____

Electricity and Magnetism



Across

3 A switch is usually placed immediately after the _____ terminal of power sources to stop of the flow of electrons through the circuit. (8)

5 The part of a circuit that needs energy is called the _____. (4)

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- 7 The name given to a material that allows electrons to flow through it easily. (9)
- 8 Another name for a closed circuit is a _____. (4)
- 10 The _____ are the positively charged particles of an atom. (7)
- 12 A material/device added to circuits that acts as a bridge to stop and allow the flow of electricity around a circuit. (6)
- 14 The name given to the force of the flow of electric charge. (4)
- 15 When electric current flows through a conductive material it creates a _____ field. (8)
- 16 _____ are the negatively charged particles of an atom. (9)
- 17 The name given to a material that prevents the flow of electrons. (9)

Down

- 1 A _____ circuit only provides one path for the flow of electric charges through a circuit. (6)
- 2 I am an example of an insulator (silver, cotton, copper, current). (6)
- 4 An _____ is wire coiled around a metal cylinder such as a nail that becomes magnetized when electricity flows through it. (13)
- 6 A _____ circuit provides several paths for the flow of electrons through a circuit. (8)
- 7 The part of an electromagnet where an insulated conductor is wrapped around it. (4)
- 9 The _____ source is the name given to the part of an electric circuit that adds electric energy to a circuit. (5)
- 11 _____ are the name given to particles in the nucleus of atoms that have no charge. (8)
- 13 Electric _____ is the flow of electric charges in a material. (7)

Name: _____

Date: _____

