

Name: _____

Date: _____

Electricity and Magnetism Internet Scavenger Hunt

Use these websites to answer the following questions. Happy hunting!

[What is Electricity?](#)

[Electrical Circuits](#)

[Conductors](#)

[Electric Fields](#)

[Magnetic Fields](#)

[Conductors & Insulators](#)

[What is a Magnet?](#)

[How Electromagnets Work](#)

[Electromagnets](#)

Short Answer

- 1.) Where does electricity come from?
- 2.) What parts are needed to make a circuit?
- 3.) Which materials make good conductors of electricity?
- 4.) What is the difference between a magnet and an electromagnet?
- 5.) How are magnetic fields and electrical fields similar?
- 6.) How is electricity measured?
- 7.) What are three different kinds of magnets?
- 8.) What type of charge do electrons have?

True or False

- ___ 9.) Protons have no charge.
- ___ 10.) Plastic is the best conductor known today.
- ___ 11.) A magnet's magnetic field is what pulls it to connect to metal.
- ___ 12.) Circuits need a light bulb in order to work.
- ___ 13.) Electricity always flows from a negative pole to a positive pole.
- ___ 14.) Electromagnets can be found in many types of motors.
- ___ 15.) Only a scientist can build an electromagnet.