

## Electricity and Magnetism

Please circle the **best** answer.

1. True or False: Electricity is a form of energy.
  - a. True
  - b. False
2. How is electricity formed?
  - a. Transfer of protons
  - b. Transfer of atoms
  - c. Transfer of electrons
  - d. Transfer of neutrons
3. What are the two types of electricity?
  - a. Fast and slow electricity
  - b. Static and current electricity
  - c. Hot and cold electricity
  - d. Proton and electron electricity
4. True or False: A magnet has four poles: a north, south, east and west pole.
  - a. True
  - b. False
5. Engineer's use magnets and magnetism to produce a lot of different things. Which of the following is **NOT** produced using magnets?
  - a. Memory storage
  - b. Images of the human body
  - c. Building a house
  - d. Sort recyclable materials
6. True or False: An electrical circuit is any path electrons can move through.
  - a. True
  - b. False
7. Electrical current can easily travel through materials like metals. What are these types of materials called?
  - a. Insulators
  - b. Resistors
  - c. Batteries
  - d. Conductors
8. True or False: You **cannot** make a battery out of fruit.
  - a. True
  - b. False

