

## Electricity and Magnetism **Pre/Post Test Answers**

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**

