

## 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

