



Name: _____ Class: _____

Electricity and magnetism

1. The electric force between objects that are not in motion is called _____.
 - a. series electricity
 - b. electric current
 - c. static electricity
 - f. electric force
2. When an object gains electrons, it acquires _____.
 - a. a positive charge
 - b. a negative charge
 - c. no charge
 - f. it stays the same
3. A poor electric conductor that is used to coat wires is called _____.
 - a. a coating
 - b. a conductor
 - c. no charge
 - f. an insulator
4. The two ends of a magnet are called _____.
 - a. poles
 - b. electrodes
 - c. fields
 - f. protons
5. The area around a magnet in which a magnetic force can be observed is called _____.
 - a. electric field
 - b. poles
 - c. a magnetic field
 - f. the nucleus
6. A battery and an electric generator can both produce electricity. Which of the two uses chemical reactions to create an electric current ?
 - a. battery
 - b. electric generator
7. Which of the following is used to interrupt the flow of current ?
 - a. a switch
 - b. an electric motor
 - c. a wire
 - d. iron filings

1. The electric force between objects that are not in motion is called _____.
 - a. series electricity
 - b. electric current
 - c. static electricity
 - f. electric force
2. When an object gains electrons, it acquires _____.
 - a. a positive charge
 - b. a negative charge
 - c. no charge
 - f. it stays the same
3. A poor electric conductor that is used to coat wires is called _____.
 - a. a coating
 - b. a conductor
 - c. no charge
 - f. an insulator
4. The two ends of a magnet are called _____.
 - a. poles
 - b. electrodes
 - c. fields
 - f. protons
5. The area around a magnet in which a magnetic force can be observed is called _____.
 - a. electric field
 - b. poles
 - c. a magnetic field
 - f. the nucleus
6. A battery and an electric generator can both produce electricity. Which of the two uses chemical reactions to create an electric current ?
 - a. battery
 - b. electric generator
7. Which of the following is used to interrupt the flow of current ?
 - a. a switch
 - b. an electric motor
 - c. a wire
 - d. iron filings