



Name: \_\_\_\_\_ Class: \_\_\_\_\_

## Electricity and magnetism

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

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