

## Directed Reading A

### Section: Electric Charge and Static Electricity

#### ELECTRIC CHARGE

- \_\_\_\_\_ 1. What do you call the tiny particles that make up matter?
- electricity
  - atoms
  - electrons
  - charges
- \_\_\_\_\_ 2. Atoms are made up of protons, neutrons, and what third particle?
- charges
  - electricity
  - electrons
  - forces
3. What three types of charge can an object have?
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
4. What does the law of electric charges state?
- \_\_\_\_\_
- \_\_\_\_\_
5. Protons are \_\_\_\_\_ charged.
6. Electrons are \_\_\_\_\_ charged.
7. The force between charged objects is a(n) \_\_\_\_\_.
8. What two things affect the size of the electric force?
- \_\_\_\_\_
- \_\_\_\_\_
9. The region around a charged object where an electric force is exerted on another charged object is the \_\_\_\_\_.
10. How do charged objects within an electric field interact?
- \_\_\_\_\_

# Section 1 Electric Charge Chapter 20 Answers

**John D. Cutnell, Kenneth W. Johnson**



## Section 1 Electric Charge Chapter 20 Answers:

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