



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

Date: \_\_\_\_\_

ID: A

## Science Grade 4 Lesson 1 Practice Exercise 1-1

### Multiple Choice

*Identify the letter of the choice that best completes the statement or answers the question.*

- \_\_\_\_\_ 1. Which of these is a good conductor of electricity?
- a. metal
  - b. rubber
  - c. glass
  - d. plastic
- \_\_\_\_\_ 2. Marta has a radio in her room. It requires electricity in order to play. Which of the following is necessary in order for electricity to move from the source to the radio?
- a. a light bulb
  - b. a circuit
  - c. a magnet
  - d. an insulator
- \_\_\_\_\_ 3. Which of these is **not** necessary in order to conduct electricity?
- a. energy receiver
  - b. energy source
  - c. insulator
  - d. conductor
- \_\_\_\_\_ 4. Benjamin Franklin discovered the form of energy produced by lightning. Experiments with lightning killed many people before he discovered that lightning is a form of \_\_\_\_\_.
- a. gravity
  - b. magnetism
  - c. electricity
  - d. water
- \_\_\_\_\_ 5. After Nita connected a copper wire from one terminal of a battery to the other, the wire became very hot. Why did the wire get hot?
- a. Air around the wire became electrified.
  - b. Chemical energy in the battery produced vibrations.
  - c. Electrical energy was changed into heat energy.
  - d. The circuit was not complete.
- \_\_\_\_\_ 6. Electricity traveling through a wire is an example of \_\_\_\_\_.
- a. Earth's gravitational pull on an object
  - b. energy being transferred from place to place
  - c. a force applied by a simple machine
  - d. energy flowing through the water cycle

**Science Grade 4 Lesson 1 Practice Exercise 1-1  
Answer Section**

**MULTIPLE CHOICE**

- |           |          |
|-----------|----------|
| 1. ANS: A | KEY: 1-1 |
| 2. ANS: B | KEY: 1-1 |
| 3. ANS: C | KEY: 1-1 |
| 4. ANS: C | KEY: 1-1 |
| 5. ANS: C | KEY: 1-1 |
| 6. ANS: B | KEY: 1-1 |

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

ID: A

**MULTIPLE CHOICE**

- |    |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|
| 1. | (A) | (B) | (C) | (D) | (E) |
| 2. | (A) | (B) | (C) | (D) | (E) |
| 3. | (A) | (B) | (C) | (D) | (E) |
| 4. | (A) | (B) | (C) | (D) | (E) |
| 5. | (A) | (B) | (C) | (D) | (E) |
| 6. | (A) | (B) | (C) | (D) | (E) |