

Name \_\_\_\_\_

**SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.**

1) What are five sources of electricity?

---

---

---

2) What is electricity?

---

---

---

3) What are three examples of conductors and three examples of insulators?

---

---

---

4) What are the ampere, volt, and ohm?

---

---

---

5) What is the relationship between the length of a wire and its resistance?

---

---

---

## Answer Key

Testname: AAEE\_SHORT1

1) Sources of electricity include friction, heat, light, pressure, and chemical.

Page Ref: 7

2) Electricity is the movement of electrons from one atom to another.

Page Ref: 1

3) Conductors include steel, iron, copper, aluminum, mercury, brass, and all other metals.

Page Ref: 3-4

4) An ampere is the unit of the amount of current flow; a volt is a unit of electrical pressure and an ohm is a unit of electrical resistance.

Page Ref: 5-6

5) If the conductor length is doubled, its resistance doubles. This is the reason why battery cables are designed to be as short as possible.

Page Ref: 8