

Name _____

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

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

2) What are five sources of electricity?

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

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

5) What is electricity?

Answer Key

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- 1) 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.
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- 2) Sources of electricity include friction, heat, light, pressure, and chemical.
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- 3) If the conductor length is doubled, its resistance doubles. This is the reason why battery cables are designed to be as short as possible.
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- 4) Conductors include steel, iron, copper, aluminum, mercury, brass, and all other metals.
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- 5) Electricity is the movement of electrons from one atom to another.
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