

Conductors and Insulators Review

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Understanding Electricity Basics

Name: _____

Date: _____

Answer the following questions based on what you learned about conductors and insulators.

1. What do we call materials that allow electricity to flow easily?

- A. Insulators
- B. Conductors
- C. Blockers

2. Most metals are good ____.

3. Why is it important to have insulators in electrical devices?

4. Match the material to whether it is a conductor or insulator.

Copper

Conductor

Rubber

Insulator

5. What did Proverbs 2:6 teach us about wisdom?

- A. God gives wisdom
- B. Wisdom is useless
- C. Knowledge is not important

6. An example of a good insulator is ____.

7. Can you give an example of a situation where blocking electricity is important?

8. What is the main purpose of conductors?

- A. To block electricity
- B. To allow electricity to flow
- C. To store electricity

9. Draw a line from the property to its description.

Conductors

Stop electricity from moving

Insulators

Let electricity flow easily

10. Conductivity depends on a material's atomic structure and ability to move ____.

Answer Key

1. Conductors 2. conductors 3. Insulators help prevent electricity from flowing where it shouldn't, keeping us safe. 4. Copper 5. God gives wisdom 6. rubber 7. Blocking electricity is important in power cords to prevent shocks. 8. To allow electricity to flow 9. Let electricity flow easily 10. electrons