

# Electricity Basics Review

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## Conductors and Insulators

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

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

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

1. What are materials that allow electricity to flow through them easily called?

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

2. Most metals are excellent \_\_\_\_.

3. Why do electrical wires have plastic coating?

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4. Insulators stop electricity from flowing.

- True       False

5. Which of the following is a common insulator?

- A. Copper
- B. Plastic
- C. Aluminum

6. Good conductors allow electricity to move through them \_\_\_\_.

7. Can you think of examples where we use insulators to protect ourselves? List at least two examples.

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8. Non-metals are generally good conductors of electricity.

- True       False

9. What is one purpose of God's design in creating conductors and insulators?

- A. To confuse us
- B. To help us understand electricity
- C. To create chaos

10. Yahweh gives wisdom, and out of His mouth comes knowledge and \_\_\_\_.

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### Answer Key

1. Conductors 2. conductors 3. To prevent electricity from flowing where it shouldn't and to protect us from shocks. 4. True 5. Plastic 6. easily 7. Rubber gloves and plastic handles on tools are examples of insulators used for protection. 8. False 9. To help us understand electricity 10. understanding