

Conductors and Insulators
14 Questions

GRADED PRACTICE
4TH GRADE

1. Is Iron a Conductor or Insulator?

☐ A Conductor

☐ B Insulator

2. Which is NOT an insulator.

☐ A Plastic

☐ B Glass

☐ C Copper

☐ D Wool

3. Is Wood a conductor or Insulator?

☐ A Conductor

☐ B Insulator

4. What is the difference between a conductor and an insulator?

☐ A An insulator allows electricity to flow through it easily and a conductor does not

☐ B An insulator is magnetic and a conductor is not

☐ C A conductor allows electricity to flow through it easily and an insulator does not.

☐ D A conductor is magnetic and an insulator is not

5. A great conductor of energy is:

☐ A wood

☐ B cloth

☐ C metal

☐ D plastic

6. Olivia wanted to complete her circuit with a conductor. What object is her best option?

- | | |
|---------------------------------------|--|
| ☐ A Glass bead | ☐ B Aluminum foil |
| ☐ C Wood stick | ☐ D Styrofoam |

7. What is the BEST example of a conductor?

- | | |
|---|--|
| ☐ A A glass cup | ☐ B A ceramic mug |
| ☐ C A wooden block | ☐ D A metal bowl |

8. A jacket is a good example of an ...

- | | |
|---|---|
| ☐ A Conductor | ☐ B Interrogator |
| ☐ C Investigator | ☐ D Insulator |

9. Which is NOT an insulator.

- | | |
|------------------------------------|----------------------------------|
| ☐ A Iron | ☐ B Wool |
| ☐ C Plastic | ☐ D Glass |

10. Rubber is a insulator.

- | | |
|---------------------------------|----------------------------------|
| ☐ A true | ☐ B false |
|---------------------------------|----------------------------------|

11. Mittens help keep your hands warm in winter because

- | | |
|--|--|
| ☐ A they are colorful | ☐ B they are insulators |
| ☐ C they are conductors | ☐ D they are fuzzy |

12.



These are examples of

A

Insulators

B

Conductors

13.



These are examples of

A

Insulators

B

Conductors

14. _____ are materials that ALLOW heat and electricity to move easily through them.

A

Conductors

B

Insulators