

QUIZZ

Thermal Insulators
13 Questions

NAME : _____

CLASS : _____

DATE : _____

1. Why are metals useful for making electrical wire?

Metals do not bend.

Metals hold much heat.

Metals are insulators.

Metals are conductors.

- 2.



These are examples of

Insulators

Conductors

- 3.



These are examples of

Conductors

Insulators

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

Conductors

Insulators

5. _____ are materials that RESIST the flow of heat or thermal energy.

Conductors

Insulators

6.



Metal is a great conductor of heat so it flows quicker.

True

False

7.



Plastic is a great conductor of heat so it flows quicker.

True

False

8. Materials that do NOT conduct heat well is called?

Radiation

Convection

Insulators

Conductors

9. A material that conducts heat well is called a

Insulator

Conductor

Convection

Radiation

10. Which of the following is an insulator?

Penny

Iron

Tire

Paperclip

11. Which of the following is a conductor?

Paper clip

Chips

Styrofoam

Straw

12.



This is an example of a(n)

conductor of heat

insulator of heat

13. Which material is the best conductor of heat?

glass

styrofoam

metal

wood

