

Name _____ Date _____

**Heat Conducting Materials
Test**

Directions: Please circle the correct answer for the questions below.

1. Which of these is an insulator?
a. wood b. copper c. paper d. metal
2. What is a tiny, building block of matter called?
a. LEGO b. plastic c. molecule d. cloud
3. Which of these things would be the hottest in the sun?
a. a white cotton ball b. a rubber ball c. a metal pail

Directions: Please write a short answer to the following questions.

4. Which shirt would be cooler to wear in the hot sun, white or black?

5. Please list three things that give off heat below:

Directions: Please write TRUE or FALSE on the line beside the sentence.

6. _____ Conduction is heat moving through one object to another.
7. _____ Metal is a good conductor of heat.
8. _____ Wood and plastic are insulators.
9. _____ Wearing a black shirt on a hot day will keep you cool.

Matching: Please draw a line to the matching word with the definition.

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|-----|----------------|---------------------|
| 10. | source of heat | conductor |
| 11. | molecule | insulator |
| 12. | wood | tiny building block |
| 13. | metal | sun |