

Transfer of Thermal Energy Video

Name: _____

Date: _____

1. What is heat?
 - A. temperature
 - B. thermal energy
 - C. electricity
 - D. electromagnetic energy

2. Which of the following explains the process of radiation?
 - A. when heat gets transferred through objects that are touching
 - B. when the measurement of heat in the atmosphere goes down
 - C. when heat gets transferred through electromagnetic waves that move through space
 - D. when heat gets transferred through a liquid or a gas

3. How does heat transfer through conduction?
 - A. from the warm object to the cool object
 - B. from the cool object to the warm object
 - C. from the warm object into the air
 - D. from the air to the cool object

4. What is the difference between a conductor and an insulator?
 - A. A conductor can get heat transfer through convection and conduction, and an insulator can only get heat transfer from radiation
 - B. A conductor lets heat pass through it easily, and an insulator does not let heat pass through it easily
 - C. A conductor can only get heat transfer through conduction, and an insulator can only get heat transfer from radiation
 - D. A conductor is unaffected by heat, and an insulator is extremely affected by heat

5. Which method of heat transfer is the transfer of heat through a liquid or a gas?
 - A. convection
 - B. reflection
 - C. conduction
 - D. radiation