Name.....Class.....Number.....

Pre-test

Unit 4 Heat Energy

Instruction: Please select the most correct answer

1. Which instrument is used to measure temperature?

A. Barometer

B. Hygrometer

C. Thermostat

D. Thermometer

2. How can the temperature of the object increase?

A. Decrease pressure

B. Increase pressure

C. Exothermic

D. Endothermic

3. In which of the events the temperature drops?

A. Ice melts to water

B. Water vapor evaporates into the air.

C. The water freezes.

D. The foul ball sublimates into a vapor.

4. Which type of heat transfer requires a medium?

A. Endothermic

B. Convection

C. Conduction

D. Exothermic

5. What kind of transfer is transferring heat by molecular vibrations?

A. Radiation

B. Convection

C. Conduction

D. Endothermic

6. Which of the following is exothermic?

A. Water turns into vapor.

B. Water turns into hot water.

C. Ice melts into water

D. The water freezes

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7. Which of the following is the different endothermic properties of the object?

A. Build furniture

B. Train track construction

C. Choosing paint color for the house

D. Road construction

8. Which of the following objects expand the most when heated equally?

A. Iron

B. Lead

C. Helium

D. Oxygen

9. Why do objects expand?

A. The mass of the object increased.

B. The temperature of the object decreased

C. The weight of the object increased.

D. The binding force between the particles reduced.

10. Which is the use of thermal expansion of the object?

A. Build furniture

B. Train track construction

C. Choosing paint color for the house

D. Choosing clothes

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