

Think About It: Solar Oven Pizza Box S'mores

1. What is radiant heat? Explain.

2. What is the transferred energy is converted into? Circle the answer.

- A. kinetic energy B. thermal energy C. food energy

3. In your experiment, which setup melted the s'more faster? Circle the answer.

- A. the oven with just foil B. the oven with the black paper

4. What is the energy source used in this experiment? Circle the answer.

- A. wind energy B. electricity C. solar energy D. battery

5. What does the angled lid of the solar oven do?

6. Thermal insulation affects heat transfer between objects of different temperatures. In what way? Circle the answer.

- A. decreases transfer B. prevents transfer C. increases transfer

7. What other objects can you think of that prevent heat transfer?

8. Why did the oven with the black paper melt the s'more faster? Explain.
