

Answers

Think About It: Solar Oven Pizza Box S'mores

1. Radiant heat is the transfer of energy into the environment by the process of radiation.
2. B. thermal energy
3. B. the oven with the black paper
4. C. solar energy
5. The angled lid helps to reflect additional sunlight into the oven that would normally miss the oven.
6. B. prevents transfer
7. Objects that prevent heat transfer include oven mitts, pot holders, and thermoses, and winter clothing such as mittens, gloves, hats, boots, and jackets.
8. The oven with the black paper absorbed more energy from the sun, so it created more heat in the oven and made the s'more melt faster.