

Concept Review

Section: Using Heat

1. **Explain** why placing a damp towel over a fan will increase its ability to cool a room.

2. **Apply** what you have learned about heating and cooling systems to the following situations, and determine whether the following are true. Explain your reasoning.

a. Opening the door of the refrigerator will cool the kitchen.

b. Shivering when you are cold actually warms you up.

c. Desert jackrabbits have large ears to keep them cool.

3. **Describe** a method of insulation that can completely eliminate heat loss by conduction.

4. **Explain** how a diesel engine is different from other internal combustion engines.
