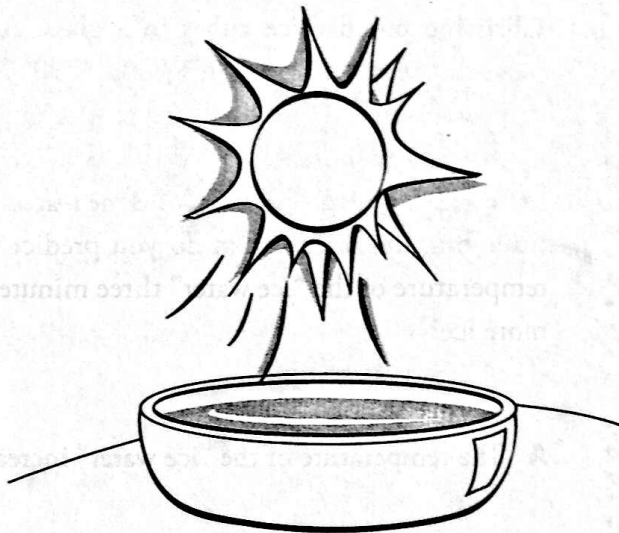


Warming Water

Two friends put a bowl of very cold water outside on a hot sunny day. The Sun warmed the water. They wondered about the energy of the water. This is what they thought:

Ted: "The very cold water had energy. The Sun provided additional energy to warm the water."

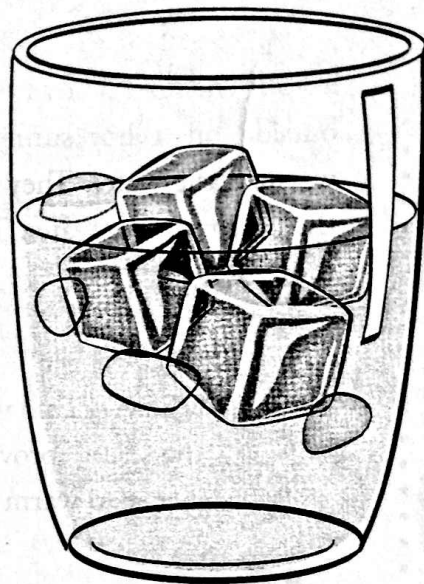
Ambra: "The very cold water did not have energy. The energy in the warm water came from the Sun."



Which friend has the best idea? Explain why you agree with one friend and not the other.

Ice Water

Christine put five ice cubes in a glass. After 20 minutes, most of the ice had melted to form “ice water.” There were still some small pieces of ice floating in the water. Christine measured the temperature of the ice water then added five more ice cubes to the glass. She measured the temperature three minutes later. What do you predict happened to the temperature of the “ice water” three minutes after she added more ice?



- A** The temperature of the “ice water” increased.
- B** The temperature of the “ice water” decreased.
- C** The temperature of the “ice water” stayed the same.

Circle the answer that best matches your thinking. Explain what happens to the temperature of “ice water” when more ice is added.
