

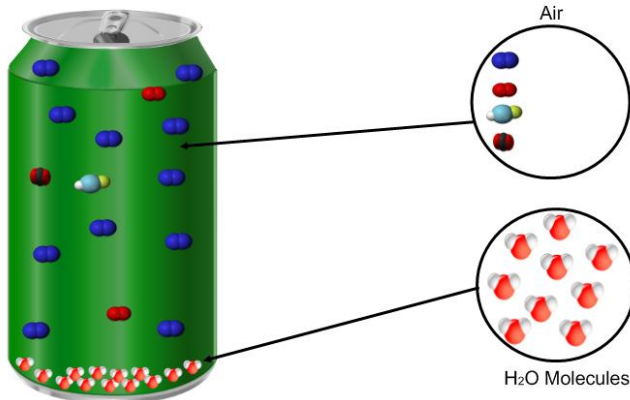
Name: _____ Section: _____ Date: _____

Mr. Whitaker's Magical Soda Can Demonstration

As you know matter can exist in four different phases: Solid, Liquid, Gas, and Plasma. You also know matter is made of atoms which take up space. Based on what you know, help Mr. Whitaker explain what is happening during each step of his demonstration.

Step 1:

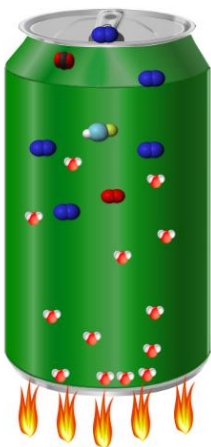
Air is a mixture of the gases: _____ , _____ ,
_____ , _____



Explain what is happening?

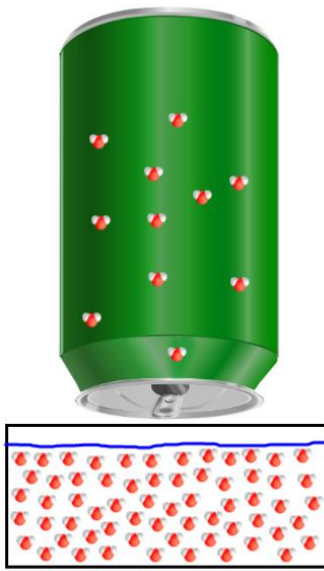
Step 2:

Explain what happens to the molecules of air and water as heat is added:



Step 3:

Compare the water molecules inside the can to the water molecules in the container of water.



Step 4:

Explain what happened to the molecules inside the can as the can was placed into the container of ice water.

