

Results: Give a short (two or three sentences) description of what happened when you did the lab.

Conclusion: Answer the following questions

1. Describe, with as much detail as you can, what happens to the water inside the can as you heat it.
2. What gas filled the can after it started to boil? What gas was pushed out of the can?
3. Describe, with as much detail as you can, what happens to the contents of the can when you plunge it in the cold water.
4. After the contents of the can cool, what occupies the space inside the can? Explain.
5. Does air pressure outside the can change at anytime during the experiment? Explain.
6. Explain why the can gets crushed.
7. Based on what you learned doing this lab, what other experiments would you like to try?