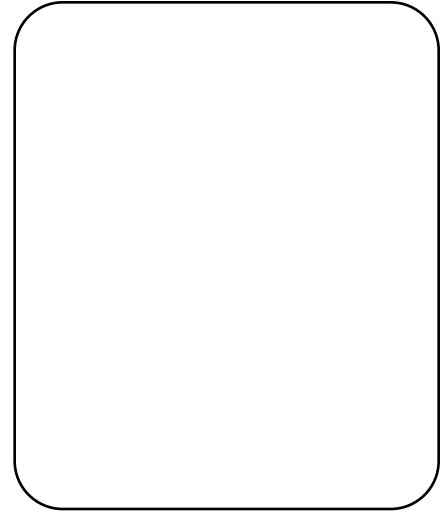


# What happens when air is heated or cooled?

Name \_\_\_\_\_ Block \_\_\_\_\_

## **Crushing a Can**

1. What happens to the bottle (can)? Draw here:



2. What would happen if you immerse the can into hot water?  
How do you know?

3. What happens to the air molecules inside the bottle?

What happens to the air pressure inside the bottle?

4. Why does the can collapse?

5. What does this tell you about air pressure?