Heating and Cooling Fluids

1. Place a balloon over the mouth of a pop bottle.

2. As a group, predict what will happen to the balloon when the bottle is placed in the container of hot water.

3. Test your predictions. Place the bottle in the container of hot water. Draw a labelled diagram and record your observations.

Name:

Date:
4. Predict what will happen when the bottle is placed in the container of ice water.

5. Test your predictions. Place the bottle in the container of ice water. Draw a labelled diagram and record your observations.

6. What happens to air when it is heated?

7. What happens to air when it is cooled?