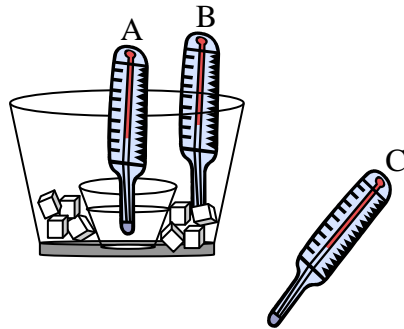


Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Assessment Task 2: Predicting the Results of an Investigation

Look at the experiment set-up picture. There is a medicine cup containing water that was just taken from the refrigerator. The larger cup holds ice.



1. Which thermometer (A, B, or C) will show the lowest temperature? Why?
2. Which of the three thermometers will show the highest temperature? Why?
3. Is water in the medicine cup becoming cooler or warmer? Why?
4. Describe the heat flow in the experiment. You may draw a diagram with arrows to show your ideas. (Hint: Think about which object is warmer and which object is cooler. Describe which way the heat would flow.)