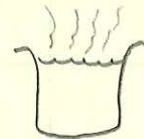


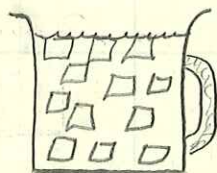
16.7.2 Procedure

- 1) Get mug of ice-water, w/ plenty of ice.
- 2) Get beaker of hot water to be poured into plastic container and aluminum container

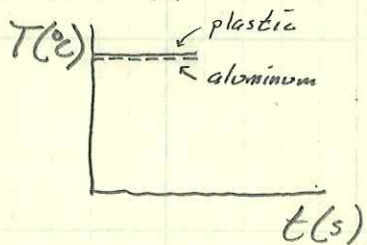


- 3) Pour equal volumes of hot water ($\sim 40-45$ mL) into each container, plastic and aluminum.

- 4) Cap both containers with stopper and temperature sensor. Place both into beaker of hot water and keep them there for a minute or two, gently agitating.



- 5) With containers still in hot water beaker, start collecting temperature data with the computer. Graph should be 2 horizontal lines at approximately the same temperature.



- 6) After 10s or so of collecting data, transfer both containers to the ice-water mug. Continue collecting data for 3-4 minutes, gently agitating both containers.