FLINN SCIENTIFIC

Name_____

Demonstration Worksheet

Cincinnati Form Franklin Flask

Discussion Questions

1. Draw a diagram of the set-up for this demonstration.

2. Describe what happened after the ice was placed in the concave bottom of the flask.

3. The pressure inside the stoppered flask is initially equal to the vapor pressure of the water. When ice is placed in the bottom of the flask, some of the water vapor condenses on the cold surface, which lowers the pressure inside the flask. Explain why this causes the water to start boiling again.