Introduction to LabPro®

Name(s):
Date:
Lab Section:

DATA

Please attach copies of your Excel spreadsheets and graphs to this worksheet when you turn it in to your instructor.

QUESTIONS

1. In Procedure 1, did your temperature readings level off in either of the trials? If so, at which temperature(s)?   What is the significance of these temperatures? Were these results what you expected? Explain.

2. In Procedure 2, did your temperature readings level off in either of the trials? If so, at which temperature(s)? What is the significance of these temperatures? Were these results what you expected? Explain.

3. How good was the calibration of the temperature probe? Comment on the accuracy and precision of the measurements made with the temperature probe.

4. Give one application of where a solute is added to a solvent to change its boiling point. Give one application of where a solute is added to a solvent to change its freezing point. Consult your text or the Internet if necessary.