

Thermodynamics

Homework Two

Due Friday, September 27, 2013

This assignment is likely longer and more challenging than the first one.

1. 1.34
2. 1.37
3. 1.40
4. 1.47
5. Tastybites (<http://www.tastybite.com>) are tasty pouches of Indian or pan-asian food. You are camping and your dinner will involve a tastybite entrée. You boil a litre of water, pour the water into a pot, put the pouch in the pot with the water, and put a lid on the pot. You then proceed to make rice. Estimate the temperature of food in the tastybite pouch when the rice is done. Be sure to state any simplifying assumptions you make. (This is meant to be a simple specific heat problem. Don't over think it.)