

Assignment 1a
Due Tuesday, September 3, 2013

1. We will start with chapter 2 in Rigden. Read chapter 2 and continue reading through the end of page 34 in chapter 3. We will save the balance of chapter 3 and all of chapter 4 until later.
2. Skip to chapter 5 and read all of chapter 5 and 6.
3. A longitudinal sinusoidal sound wave has a frequency of 880 Hz and travels 345 m/s in dry air. What is its wavelength in meters? What is its angular frequency? What is the propagation constant? What is the period of the wave?
4. Depending on how it goes our first day, I will make an additional assignment on Thursday, August 29.