Homework #9: Sound and Temperature Measurement

1. (5 pts) Two sound sources have sound pressure levels of 83 dB and 85 dB respectively and the background sound pressure level is 78 dB. If both sources are turned on, what will the total sound pressure level be? (this link may be helpful to you: http://www.engineeringtoolbox.com/adding-decibel-d_63.html)

2. (10 pts) EMfE problem 9.15

3. (20 pts) EMfE problem 9.20