

Thermodynamics

Homework One

Due Friday, September 20, 2013

This assignment is somewhat atypical. I anticipate that more often problems sets will have fewer problems, but each problem will be a bit longer or more difficult.

1. 1.4
2. 1.9
3. 1.11
4. 1.14
5. 1.16 (Optional, but strongly recommended for meteorology enthusiasts.¹)
6. 1.18
7. 1.21
8. 1.23

¹This problem isn't straightforward. If you're stuck or unsure how to get started, let me know.