

ANSWERS TO SELECTED PROBLEMS

Fundamentals of Engineering Thermodynamics

7th Edition by Moran, Shapiro, Boettner, and Bailey, 2011

Chapter 1

- 1.6 (a) 2500
- 1.9 (a) Air: 579.4
- 1.11 2.66
- 1.16 downward
- 1.20 (b) 12, 0.704
- 1.23 (a) 3.07, 0.17
- 1.28 1.3
- 1.32 (a) 5.11
- 1.35 750, 29.53
- 1.38 30.49
- 1.43 23.3
- 1.46 (a) 13.23
- 1.49 3.06
- 1.52 2258.15, 4064.67, 3605
- 1.59 (b) T, (c) F
- 1.61 (b) T, (e) F