

Answers to Week #6 Homework

3-56. (b) 179.9 deg C, (c) -0.128 m^3

3-57. 1.325 MPa

5-72. 6.919 kg/s

5.61. (a) 5.833 kg/s, (b) 585.2 m/s, (c) 0.00151 m^2

5-93. 0.107 kg/s

5-78. 0.674 kg/s

3-93. (a) 6295 kJ/kg, (b) 6288 kJ/kg, (c) 6100 kJ/kg