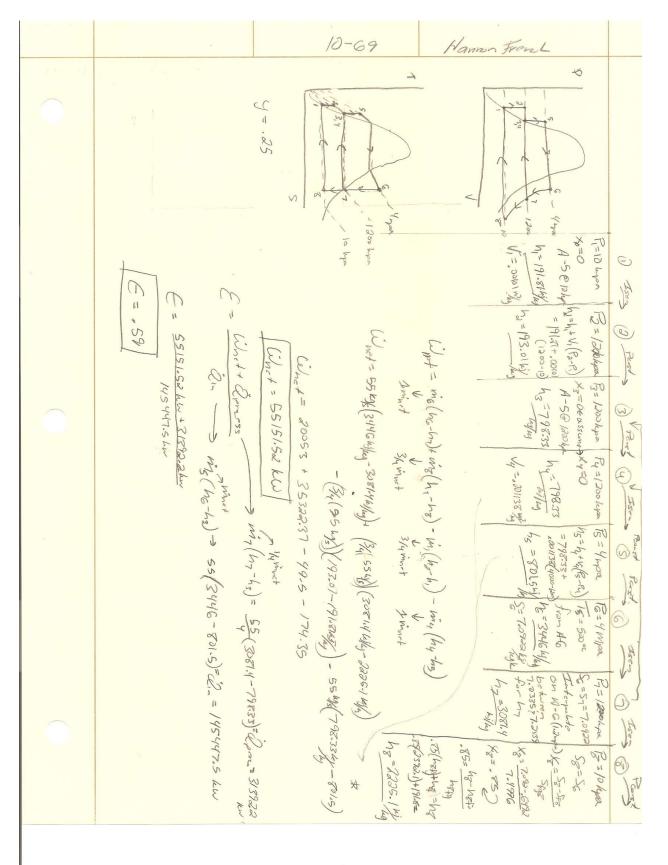
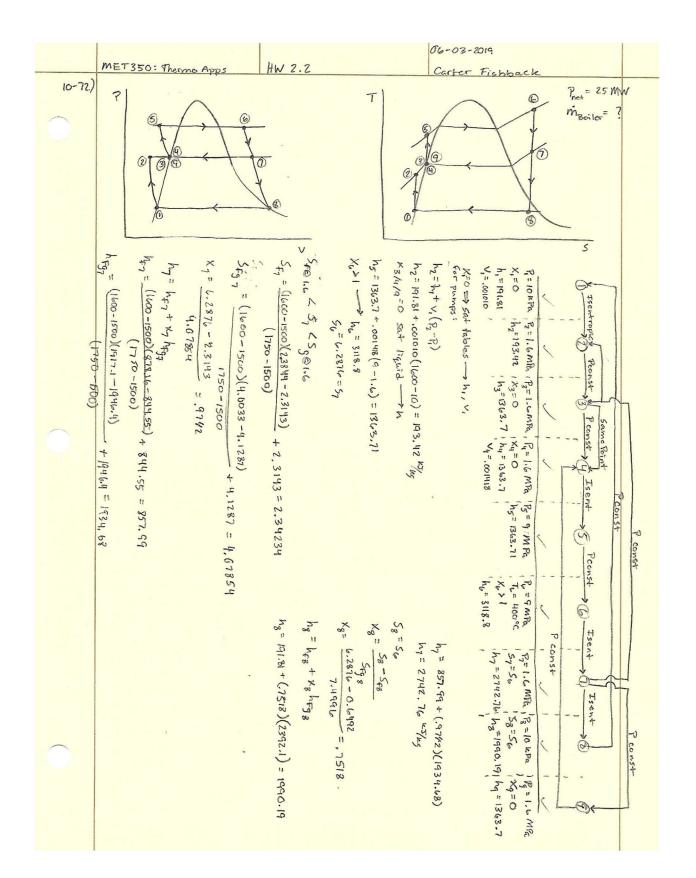


$$\frac{MET320: Phenom A poper
HW 2.2
0.577) d. Phenom EFFiciency and power
W041 = $\frac{m_1 h_1 - m_2 h_2 + m_3 h_3 + m_3 h_4 + m_3 h_4$$$





06-03-2019 MET350: Thermo Apps HW 2.2 Carter Fishback 10-72) Wnet = 25 MW Whet = m_{1}(h_{1}-h_{5}) + m_{1-y}(h_{7}-h_{8}) - m_{1-y}(h_{2}-h_{1}) - m_{7}(h_{5}-h_{4}) $= \dot{m} \left[(h_6 - h_5) + (1 - y)(h_7 - h_8) - (1 - y)(h_2 - h_1) - (h_5 - h_4) \right]$ y=,35 1-y=.65 $\frac{25\,\text{MW}}{100} = \dot{m} \left((3118.8 - 1363.71) + .65 (2742.76 - 1990.19) - .65 (193.42 - 191.81) - (1363.71 - 1363.71) \right)$ m= 11.14 kg/s

10-18 Grading)

All questions were correctly answered and process looked good but there was no P-v diagram. Suggested grade: 95%

Jean and Gonzalez

HW 2.1: Problem 25 recommendations

It appears that your answers are correct, however the work to get those answers was difficult to follow from states to state. Your processes and math is right but you still failed to provide the P-v diagram and summary of properties at each state. This assists the grader, as well as yourself during the test, to follow your work to solve future problems. Finding the properties and BOTH diagrams are required by Dr. Ayala for us to solve the problems as we are still learning. I understand that it can be irritating to do, but it does help teach you the concepts better. Recommended grade: 80