WRITING RUBRIC Test 2

Purpose	0/10.0
Drawings	1.0/10.0
Sources	0/10.0
Design considerations	0/10.0
Data and variables	0/10.0
Procedure	0/10.0
Calculations	2.0/10.0
Summary	0/10.0
Materials	0/10.0
Analysis	/10.0
TOTAL	3/10.0

PROBLEM 1)

P-v and T-s diagrams	
Single stage compression (and variations)	1/14
Two stages compression	1/14
State calculations	
Single stage compression (and variations)	2/14
Two stages compression	2/14
Why does regeneration hurt in original case?	0/14
w_net, q_in, thermal efficiency (all cases)	2/14
HW effectiveness (all cases)	/14
Which case is better?	0/14
Final results	0/14
TOTAL	8/14

PROBLEM 2)

P-v and T-s diagrams		2/8
State calculations		0/8
Use wc = wt		
Use efficiencies to get actual states		
Cp & Cv variable		
P5, V6		
Thrust		0/8
Final results		0/8
TOTAL	2/8	

FINAL GRADE:

3 + (80/2)*(8/14+2/8) = 35.9%