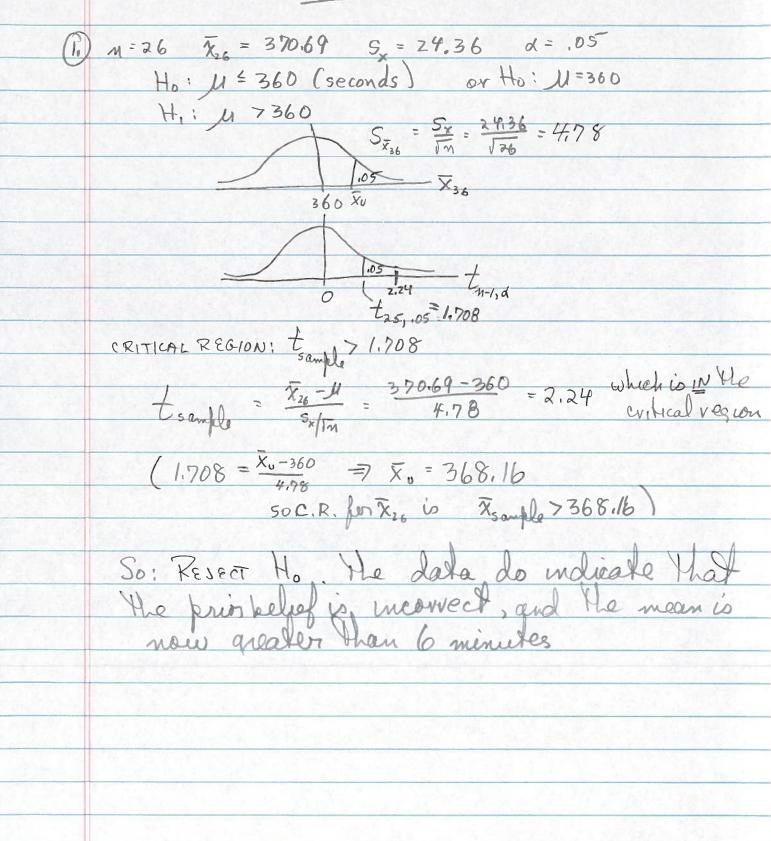
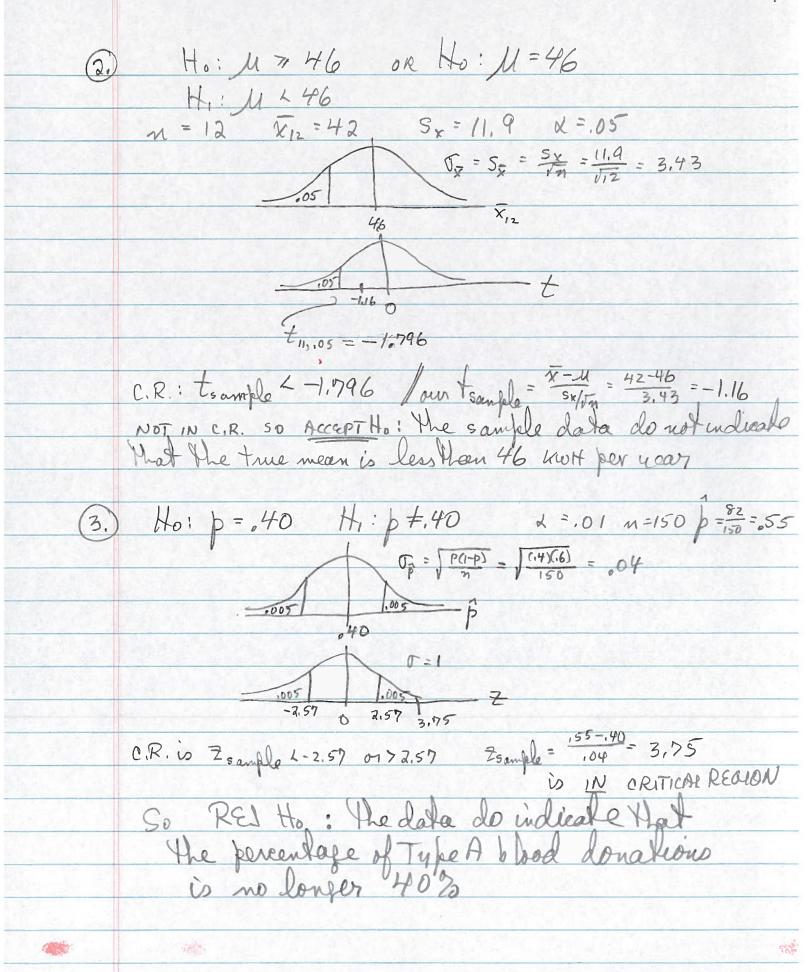
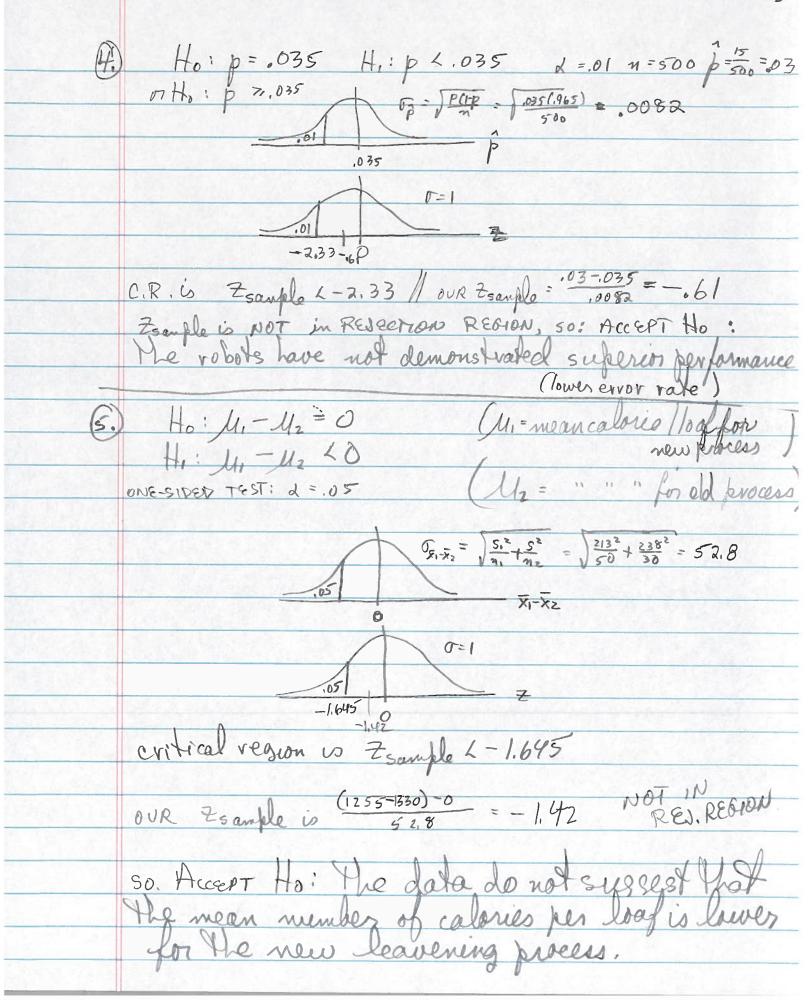
HW#10: SOLUTIONS







(6) M: population mean of abrasive was for Materal 1 Ho: 11-11z=2 (wesmall-sample test) H1: 11-11z>2 Sx1-x2 = Sp / m1 + m2 = 4.48 / 12 +10 = 1.92 512 (M1-1) + 22 (M2-1) 16(12-1)+25(10-1) = 4.48 C.R.: to ample 71.725 tsample = (85-81)-2 = 1.04 NOT INRES. REGION Accept Ho.
There is no evidence that the mean abrasive wear of material 1 exceeds that material 2 by more than 2 units.

het S= mean population difference in androsen levels betw. before & after injection 5 - To 18.474 ~ from Sisamples

1020 - 18.474 ~ from Sisamples 5=9.848 So: Rejection region is + sample > 2,145 or 1-2,145 Our trample = 4.77 = 2.06 NOT IN RESIDEN So the sample data do not indicate a significant difference in androgen levels after the rejection.

ACCEPT Ho

