Homework-10 I buppen + on bade 345 cinen, J'= 5-518P Sample 5, = 0.13342 M= 88 7= 2.8639 5,=0.49241 Significance level: x=0.01 exampothers state Null Hypothesis Alternotive Hypotia Ho: 47= 22, Mx: 4 + 48 \* Calculate the test statistic \* 5.2186-5.8639 152 88 = ~ \$1.88 \* Dodies of Liesgan; 19710, +22/02/2 = 222 The critical + value = 222 and x = 0.01 Adecision! mo Log 45 + 25/20 27 phologo.

2. Pablom 32 (b) or page 381 CHUON, Eample IDs Sample n Sample I CHROND Olger, 085 Bounger \*HYPOHODEDY 140 MELL \* Notorial propose \* 101-1123 +115-115 £ 103.5 \* Test statistics Z- 0.6495 \* Dodice of Leogowk +- distribution table: traitical 1 one-tailed, x=0.05, d1=42)=1-682 \*lanclusion!

3. toppon 15 10/ 00 trade 300 bose Botoro: 22 Ho £ 58.77 ~ 10.93