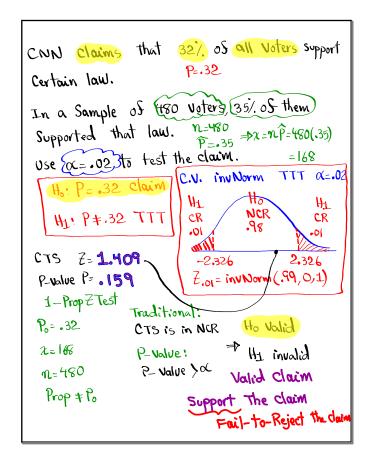
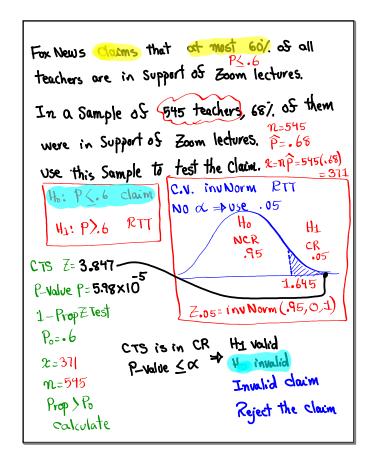
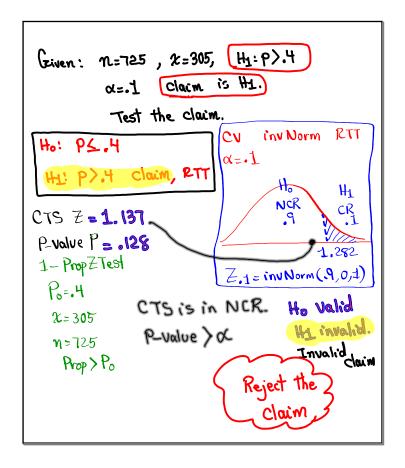
Math 110
Winter 2021
Lecture 18









```
Testing One Population mean M:

Ho! M=Mo Ho: M\( \) Mo Ho: M\( \) Mo

HI! M\( \) Mo HI! M\( \) Mo

TTT LTT RTT

Case I: U Known

CV invNorm

CTS Z= \( \) Z-Test

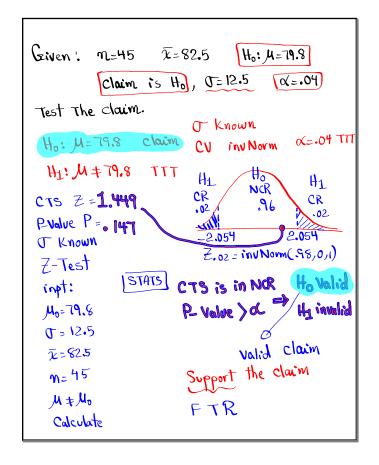
P-value P=

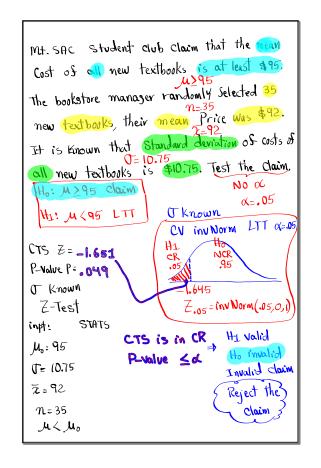
Proceed with Testing Chart

Final Ans:

Reject the Claim OR Fail-to-Reject the

Claim
```





Testing One Population mean M:

Ho! M=Mo Ho: M>Mo Ho: M \( Mo \)

H1! M\*Mo H1! M \( Mo \)

TTT LTT RTT

Case II: Unknown

CV invT df=n-1

CTS t= T-Test

P-value P=

Proceed with Testing Chart

Final Ans:

Reject the Claim OR Fail-to-Reject the Claim

what is P-Value?

It is the area of the tail marked by

CTS in the graph of prob. List,

Area \*2 is the P-Value only when

Performing TTT.

CTS Z=1.845, RTT, find P-Value.

Area=P-Value

= normal 15(1.845,EM,0)

Z=1.845

L

U = 1.033

