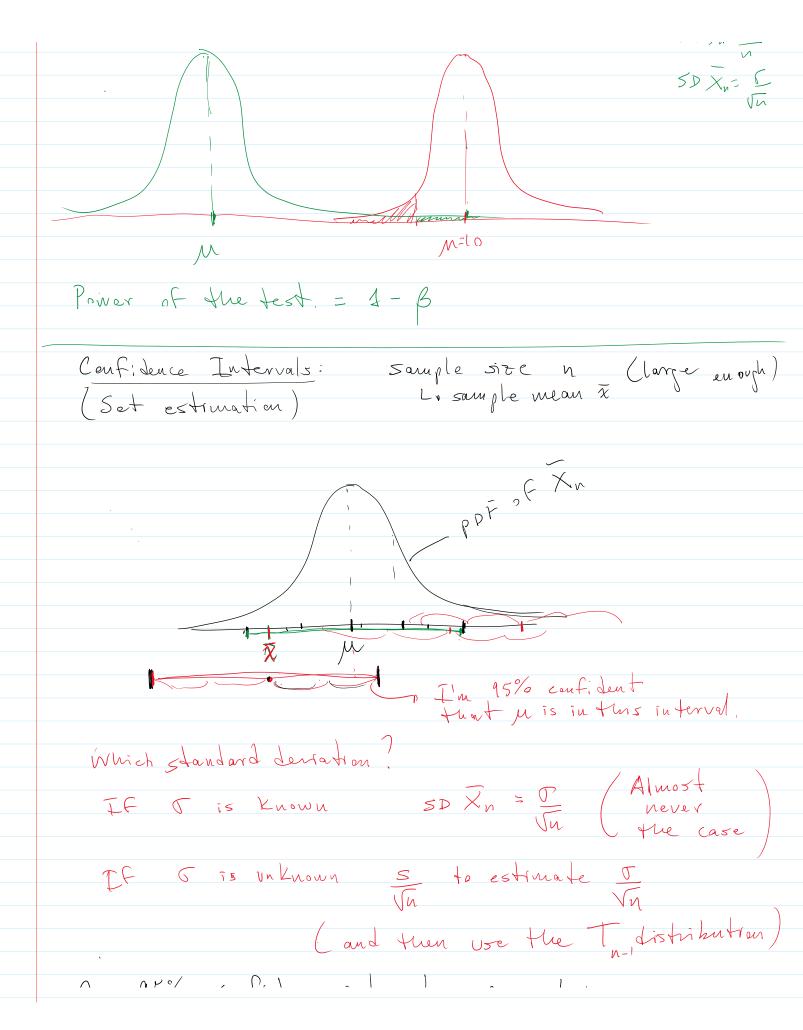
· Type I and I erro	ws.			
· Confidence Inter	val			
	States of	Nadure		
Decision	Ho True	Ho T-alse	- P Wed	Typically
-			don't (or will	Typically Enow ever Know)
		Type II		
Probability of Working with a	committing	a Type I e	inov = Signi	ficance level
Morking with a	Type I Erro	Ý		
Ho: M > 10				
H,: MC10	2DK			
	Lang Xn			
	<u>,</u>		PPF of Ho	l
Q = 0.05		1	bby Ho	
			N <sub>W</sub>	
1	frah	n= 10	comin Hong a	TypeIEmor
β		/	(2)	19 pe se s mor
True				
(If somple siz	e is low	ger († )		EXu= M
				Var yn = 62
				SD Xno C



WUS 45/0 Contiduce interval is given by  $\bar{\chi} \pm (2) \frac{s}{\sqrt{u}}$ le voughly accounts for 95% What I wout a 98% C.I. ? -q = q + (0.01, n-1)9= 9t(0,99, n-1) Confidence level CL X=1-CL  $-9=9\pm\left(\frac{x}{z}, n-1\right)$   $q=9\pm\left(1-\frac{x}{z}, n-1\right)$ Then CL % confidence inferval