9.16	<u>reality/truth</u>			
		H. true	H. false	want
ıclusion	reject to	Type I error P(TypeI)=~	Correct Conclusion Power = 1-B	An.
our Conclusion	fail to reject th.	correct conclusion	Type II error P(typeI)=B	
ex: BBall Ho: P = 80% free throws Ha: P < 80% Typel: We conclude that he is an 80% free throw shooter when he really is. Consequence: he misses opportunities TypeII: Conclude that he is an 80% F.T. shooter when he really is not. Consequence: he gets opportunities when he shouldnt.				
e <u>x</u>	: p.538			

Power of the Test

the probability that we correctly reject Ho at a chosen \propto , when a specific value of Ha is true.

- · Higher values of power are better
- · Larger sample size = higher power
- · Higher $\alpha = higher Power$
- · Lower values of power means a higher chance of a Type II error