8	Α	3. Cohen's d		
If the <b>mean</b> verbal SAT score is <b>510</b> for women and <b>490</b> for men, what is the <b>d</b> ?				
		d =		
8	Α	9. Extremely large t-value		
The <b>t value</b> calculated for a particular two group experiment was – <b>23</b> .				
Which	of the	e following can you conclude?		
	⊔d. ⊓h	A calculation error must have been made.		
	п.	The effect size must have been large		
		The expected t was probably large		
	<b>D</b> e.	The alpha level was probably large.		
Explain	vour	r choice.		
•	,			
8	Α	*10. Cohen's d		
Suppose you are in a situation in which it is <b>more important to reduce Type II errors</b> than to worry about				
Type Lerrors. Which of the following could be helpful in reducing Type II errors?				
	<b>D</b> a.	Make alpha unusually large (e.g., .1).		
	<b>D</b> b.	Use a larger number of participants.		
	🗖 с.	Try to increase the effect size.		
	<b>□</b> d.	All of the above.		
	<b>口</b> e.	None of the above.		
Explain	your	r choice.		

8 B	6. Power & Sample Size			
A <b>drug</b> for treating headaches has a side effect of lowering diastolic blood pressure <b>by 8 mmHg</b> compared to a <b>placebo</b> . If the <b>population standard deviation</b> is known to be <b>6</b> mmHg,				
a.) What would be the <b>power</b> of an experiment ( α = .01, two-tailed) comparing the drug to a placebo using 15 participants per group?				
		power =		
b.) How many participants would you need per group to attain power = .95, with $\alpha$ = .01, two-tailed?				
		n =		
8 C	2. Power & Sample Size USE G*Power SOFTWAN	RE		
Given the adjusted effect size from part a of the previous exercise,				
I am changing this problem!				
How many participants of each gender (assuming equal sample sizes) would be needed for power to be <b>.8</b> , with alpha = <b>.05, two</b> -tailed test?				
For a small effect size (d = .2)				
		n =		
For a medium effect size (d = .5)				
		n =		
For a large effect size (d = .8)				
		n =		