Name:		Statistics
Date:		Practice Quiz 7-A
1. For each problem, consider two statistical tests that are exactly the same in all possible aspects except the one stated. Circle which one (if either) is more powerful.		
a) $\sigma = 1.9$	$\sigma$ = 2.2	equal
b) <i>n</i> = 160	n = 250	equal
c) one-tailed	two-tailed	equal
d) $\mu_1 - \mu_2 = 8.1$	$\mu_1 - \mu_2 = 9.5$	equal
situation if there are other bystanders. To test the theory, they had a confederate (a person participants believe to be another participant) fake a seizure during the study. 85% of participants got help if they believed no one else was around, and 51% of participants got help if they believed that other participants were also witnessing the seizure. Answer the following for a one-tailed test.  a) What was their alternate hypothesis?  b) What was their null hypothesis?		
c) Fill in the blanks: If the	he two groups were	significantly different, then their data were, so
they	the	hypothesis and concluded that
However, it is possible	e that they made a	error, which would mean that actually in the population
		even though in their sample
		e not significantly different, then their data were, so
they	the	hypothesis and concluded that
However, it is possible	e that they made a	error, which would mean that actually in the population
		even though in their sample