PRECALC JOURNAL STATISTICS

	Statistics is				
	a) The purpose of descriptive statistics is				
			while the purpose of inferential statistics is		
ł					
	while a statistic is	S			
8	a) error occurs when sample data are incorrectly collected, recorded, or				
	analyzed while error is the actual difference between the sample result and the true population result.				
ł	b) The biggest problem with sampling is				
. (Complete the following table.				
	Measures of	Symbol			
	Central Tendency	(if one exists)	Formula or Method of Calculation		
		G 1 1			
	Measures of Variation	Symbol (if one exists)	Formula or Method of Calculation		
			escribe		
while measures of variation describe The graphs which visually display the spread of data are					
The best measures of central tendency and variation to use when the data is centrally packed are while the best measures to be used when the data is					
-	skewed or erratic are				
8. When the standard deviation of a normal distribution is small, the curve is however, when the standard deviation is large, the curve is					
ŀ					

e the alternative hypothesis ise-tailed test is used when (Hint: Use inequal the end of a hypothesis test, the professe					
e-tailed test is used when (Hint: Use inequal the end of a hypothesis test, the produce	while a two-tailed test is used when				
. (Hint: Use ineq	alities.)				
ave	ability is greater than the required level of significance, we sa				
	f at the end of a hypothesis test, the probability is greater than the required level of significance, we sa				
11 1 0 1 10	. If the probability is less than the				
red level of significance, we say we	·				
and describe the five methods of sar	npling.				
al distribution with standard percentages -score formula for a population	Distribution skewed to the right c Distribution skewed to the left c z-score formula for a sample $(z \bigstar)$				
tandard error of the mean formula	e) Margin of error formula				
onfidence interval formula	g) Sample size formula				
	rtant Rules, Formulas, Etc. raw the following distributions: I distribution with standard percentages score formula for a population andard error of the mean formula				