Name: MAT 222 Spring 2019 Quiz 2	Caleb Mc	Whorter — Soluti	ons	look random but the number."	numbers. They may ney're my phone Belcher, Bob's Burgers
Mark the following statements True or False.					
Problem 1: A t-procedure can be used for a <i>skewed</i> distribution if $n \ge 40$.					
(a)	True				
(b)	False				
Problem 2: A <i>t</i> -procedure is sensitive to the data not being normally distributed.					
(a)					
(b)	False				
Problem 3: An internet marking company is trying to determine the average time Americans spend on the internet each week. They track the internet usage of 26 volunteers. They found an average time of 26.3 hours spent on the internet with a standard deviation of 2.7 hours. To construct a 95% confidence interval for the average time an American spends on the internet, fill out the entries below.					
Sample	Average:	26.3	-	t^* :	2.060
Saml	le StDev:	2.7	Lower	Confidence Value:	25.21
	n:	26	Upper	Confidence Value:	27.39
	d.o.f.:	25			
Problem 4: The marketing company then performs the hypothesis test given below. $\begin{cases} H_0: \mu=25\\ H_a: \mu\neq25 \end{cases}$					
Fill in the following:					
t-statistic: 2.455 p-value: 0.04					