Unit 3 Section A REVIEW Period: 1.) Make sure you know the definitions of the following vocabulary words. The crossword puzzle and your notes are the best resources. Observational Study Experimental Study Treatment Variable of Interest Control Group Research Question Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis Null Hypothesis	AMDM		N	lame:		*			
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Experimental Study Treatment Variable of Interest Control Group Research Question Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis	1.) M	ake sure you know the definitinotes are the best resources.	ions of the f	following	vocabulary	y words.	The crossv	vord p	uzzle and
Treatment Variable of Interest Control Group Research Question Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Observational Study							
Variable of Interest Control Group Research Question Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Experimental Study							
Control Group Research Question Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Treatment							
Research Question Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Variable of Interest							
Primary Data Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Control Group							
Census Sample Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Research Question							
Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Primary Data							
Secondary Data Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Census							
Pilot Study Placebo Effect Informed Consent Population Alternative Hypothesis		Sample							
Placebo Effect Informed Consent Population Alternative Hypothesis		Secondary Data							
Informed Consent Population Alternative Hypothesis		Pilot Study							
Population Alternative Hypothesis		Placebo Effect							
Alternative Hypothesis		Informed Consent							
Null Hypothesis		Alternative Hypothesis					,		
		Null Hypothesis							

Margin of Error

2.) Answer the following	owing questions comp	letely and show all wo	ork, if necessary.							
a.) Explain v	what is meant by saying	that "the class preside	nt is leading the polls b	by 44% ± 2%."						
b.) Give one example of primary data and one example of secondary data.										
Prima	ary:									
*										
Secon	ndary:									
c.) Give one	reason why mentally d	isabled people need pro	otection with regards to	experimental studies.						
d) Give en e	vromple of a placebo of	foot								
d.) Give an e	example of a placebo ef	rect.								
e.) What are	the components of the	"Research Cycle"? D	raw the cycle below.							
f.) Give an ex	xample of each of the fi	ive different sampling	techniques.							
Simple Random	Stratified Random	Systematic	Cluster	Convenience						
	5			tur it is i						

3.) Sti	Answer the questions about the following statistical studies. """>udy #1: Mr. Roberts teaches Economics, and he is very concerned with his students' test scores. He wants to know if guided notes improve test grades as compared to copying down all the notes from the board. He decides to give guided notes to his 3 rd period, regular notes to his 5 th period, and no notes to his 6 th period. He then compared the results of the class' test averages.	0
	a.) Is the study experimental or observational? How do you know?	
	b.) What is the variable of interest?	
	c.) What is the treatment?	
	d.) Who were the participants of the study?	
	e.) What are the advantages of this study?	
	f.) What are the disadvantages of this study?	
	g.) Which group is considered the "control group"? Why?	

