Name:	Math 130	
Date: 4/3/2025	Quiz 11	
Some formulas you may need:	$E = z_{\alpha/2} \sqrt{\frac{\hat{p}\hat{q}}{n}}$	
	one users in Los Angeles were ask	ne users in Los Angeles own an Iphone. red what kind of cell phone they own. Of
a) What is the population?		
b) What is the sample?		
c) What is the population parameter (s	ymbol and in words)?	
d) What is the best point estimate for t	he percentage of Los Angeles cell	l phone users who own an Iphone?

e) Construct a 97% confidence i	interval for the percent	age of Los Angeles c	ell phone users who	own an Iphone
f) What does the 97% mean in a	197% confidence inter	val?		