





	PAGE No. DATE //
03)	A car believes that the percentage of
0.07	citizens in city 100 mai dwns a rehicle
	is 60% or less. A sales manager disagrees
	with this He conducted a hypothesis testing
	Surveying 250 residents & found that
	170 residents responded yes to owing
	State the null & alternate hypothesis.
a)	At a 10% significance level, in there
0)	enough evidence to support the idea
	that vehicle owner in ABC city is 60%
	or less.
4	in a la li) citu ARC sugns
Ans	Null hypothesis PO (Proportion) City ABC owns
	a vehicle 60% or less. Alternate hypothesis is City ABC owns a vehicle
0.7	60% or more.
	Die is a 1 tail diagram
7	Here, n = 250, x = 170, Po = 0.60
	$\hat{p} = x = 170 = 0.68$
	n 250
	90 = 1-Po
	= 1 - 0.6
	= 0.4
	1 = 1 - 10% = 0.9

