A car company believes that the Bevoutage of residut in city ABC that ours a which is 60% or Loss. A Salary manage disagree with this. He conducts a hypothesis testing surveigny 250 residents and found that 170 serponding yes to ourige a webliche

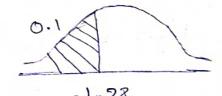
a) State the rull & Altount hypothisis

6) At 10-1. Significa loval is there enough evident to Support the idea that vecticle owner in cts 60%

$$\hat{P} = \frac{x}{n} = \frac{170}{250} = 0.68$$

$$90 = 1 - P_0 = 1 - 0.6 = 0.4$$

3.) Condition Boundary



Z-test = P-PO
VBus

$$= 0.68 - 0.6$$

$$\sqrt{0.6 \times 0.4}$$

$$2.582$$

$$2.582 > -1.23$$

The 0/0 to resident ours a which is 60% (01)