6) A Ga believer that the of of CHZON in city ABC that own a vehicle is 60% (or) less. To sale marager disagree with this, He conducted a hypothems testing survey by 250 residents that 170 residents terror a select that 170 residents terror a select to the series terror a select that 170 residents terror a select terror a select that 170 residents t a) State the mult & Attending Hypothesis of Significance Level, is there to suppose the idea that a enough evidence to suppose the idea that which owner in XBC city is 60% (61) Solt 94 is 7-Test with proportions 1 Null Lypothers; to: Po = 60 % Altonopive . Lypothers: H1: P, \$ 60% As it is a Two tent test. Herce from above given is 4-250, x2170 where $\hat{p} = \frac{x}{n} = \frac{170}{250} = 0.68$ Po is % = 1-Po = 1-0.6 = 0.4 2 101/ significance level 7 1-0.1 Z, 1-0.1 = 0:9 = 0:9 = 7 = 2 = 7 0.45 ·· d= 0.9

- 0.45 = 0.55 Accept will hypothecis sezera Worm Fallarais -0.13 +0.13 to 2 take for this we get like, 0.13 Z-test with pelopation, Z-test = P-Po 0.68 - 0.60

TROPO

TO:6 XO-4

250 0.08 = 0.08 To. 6009 6 0.03098386677 ≥ 2.58 2 . We Rivect the NUM hypothesis & P-Value & 0.00494 1-0.99506 = 0.00494 P-value = 0.00494 +0.00484 < similitance value (resect There is No every's evidence to suppose the ites that hypothetis) which owner in ABC is 60% can less.