A car company believes that the perenty of cotizons in city ABC owns rehicle at bort by less: A Jalus manager del agrey with this. He conducts a hypothesis testing survey with 250 residents and found that 170 responded yes to swing a a vehicle State rull & alternate hypothesis At 10% Significana level, 1s These enough evidence to Support le idee That vehille ownership on city ABC is 60 y. Gov less?

ANSWER -Quiven = x= 170 n= 250 Significana level = 101 = 2 = 01 Peroposition = 601 (1) the ste : B 4 60%. P, 7 60.1. we can draw the graph with the for 60%. Here the question in which is to both in the graph or in find 601 orless. aget hypother -1.38 60.14

Po = 0.6 = (601) -> given 90 = 1-80 = D.A X== 0 + 40 = 0 -4 d= 0.1 (10.1 Significer a land) Z test with Proposton. Po 900 0.65-0.6

= 2 malong to value 3.18 0-99506-28-16018 1-6.99 506 0.00494 0.00494 med 0.004 MLp p-value = 0.00988 X It is Noven that P-value (0-00988) is Cers than Signi fixon a (wot (0-1) and 7 - Slove 15 (2-58 20) with Carabove (-1-24) pothers and There are more than boil of valuely