Math 166 HW 5 Ho: 1=95 Ht: P. +95 y= samplemen Since d= 0.06, have 94% conf. dence Want when PCI > 15/150 = 0.0B - 3 as 25 Jed H Francy to the lainty 95 = 15 188 + 95 = 10 1012 meaning 10 9 should 95 = 152 263 = 88.98 8 9 should be rejected if Ho: N= 32,500 H; N732,500 X = 0.05 y-32 500 = 4000 (1.64) y= 4000 (1.64)+32,500 34493 > 33800, so the 9-34193.
Company cannot claim the difference is
Statistically signifigant. H.: p= 120 H.: p>120, y= 125.2 and 6= 12/50. Since confidence isn't listed, I will not 0.11e can dence 1011 1,000 1 a = 0.05, 50 the equation of the bound is y-120 20.05, y= Since sample mean = 125,2 and upper band for α = 0.03= 122.783, hosawa should

See if large sample works here 1. U. + 30 = .67(35) + 3(2.782) = 31.785 < 35 large Sample works the CLT can t Zooss We should reject Ho; & sunder 26 Zo. 025 6 # 13 if sample <- Zoing 5 + 1) Lo 025 = 1.96, 0 = 135C.67(1-.67) = 2.782 = (17.998 to bands = .67C35) + 1,96(2.782) = (17.998 to Since 17.9985 18 & 28.903, we cannot reject Ha. F n=200, Hop=0.45, H, p70.45, To zo. 4 + U = 90, 0 = \$200C.43C.55=7.04 7290 + 1.08C7.04) = 97.603 7298, then we will reject H