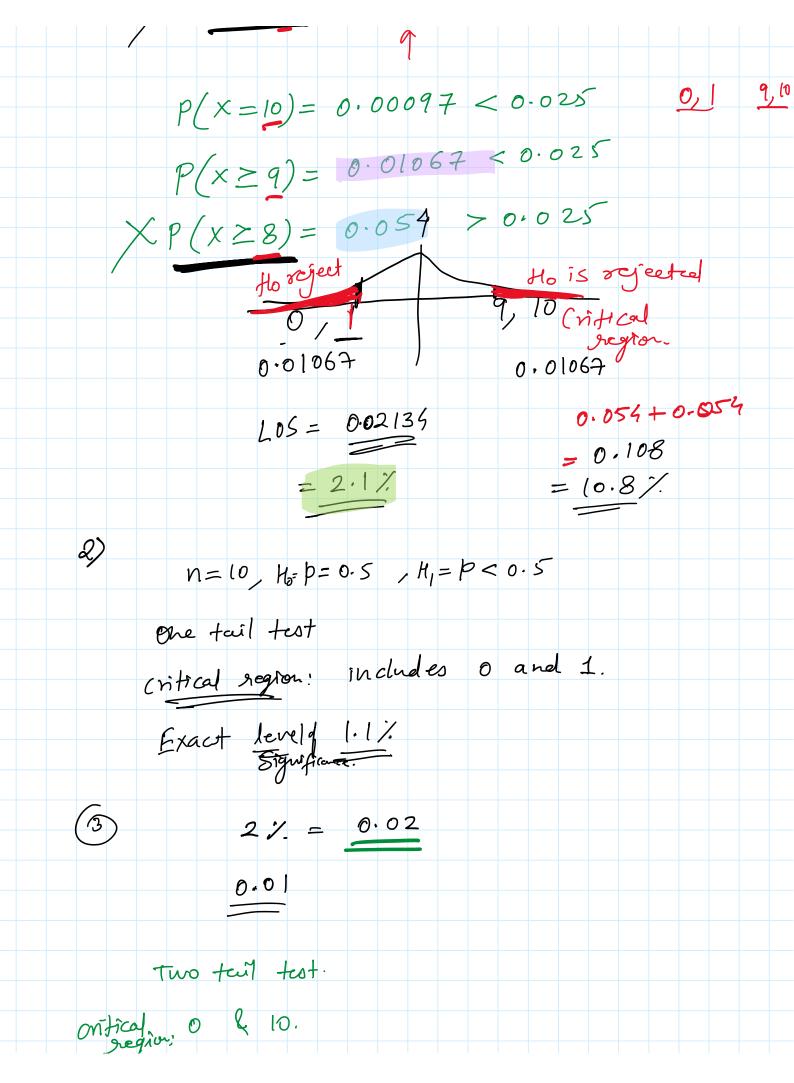


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Ho Not rejected. at 5% LOS. D proportion has not increared. Mo: X= 0.45 H1: X = 0.45 (3) Ho is rejected at 5% LOS. G) H1 is accepted. we always test Null Hypothenis (Ha) Ex 8.2 1) Binomial Ho: p=0.5 against H1= p=0.5 N = lo5/ LOS!-Two tail test: # find the critical region & Exact significance lovel. $X \sim B(10, 0.5)$ 2.5/ from both end. X-7 0, 1, 2, 3 - ____, 10 $\int p(x=0) = 0.00097 < 0.025$? 2p(X≤1)= 0.01067 < 0.025 P(X < 2) = 0.059 > 0.025

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onfical O & 10. Pregion: 0.2% one tail tast. $\lambda = 8.5$ h critical region: $p(x \ge 10) = 0.34703$ 8-5 12 P(XZ15)= 0.02742 Exact level 9, = 2.7%. Significane. Cutical region = includes 15 and higher.