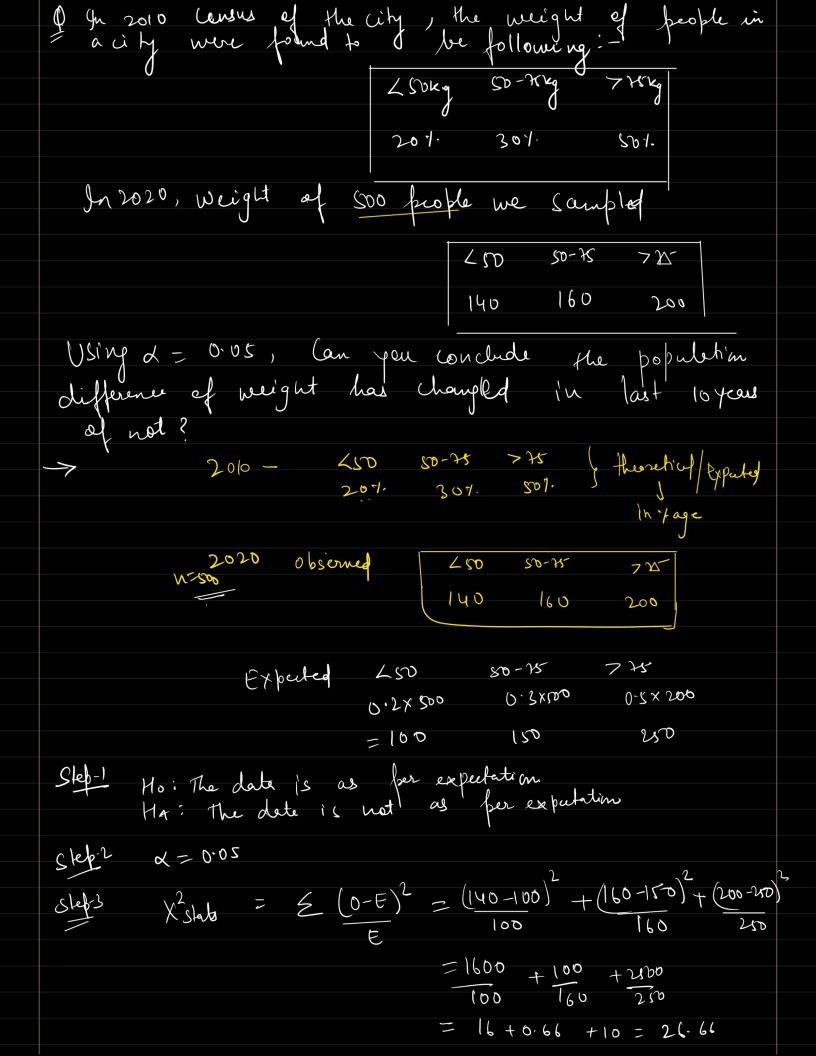
Chisquare test goodness of fit test
9. 12-1. of beoble are left bounded. To verify this theory you book a sample of 75 students, I lare left handed. $d > 51$.
left handed.
(11 4 13 = 1
Observed Experted
Observed Experted - left 11 9 - Right 64 66
(agree 64
Step-1 - Ho: M=127, HA: MA = 12%.
Step2 - 51. chisquare dist > 1 tail lest
delis statishu - 11
Stefo's χ^2 statishus = $\leq (0-E)^2$
$\frac{\chi^2 s \text{lab} s}{q} = \frac{(11-q)^2 + (64-66)^2}{66} = \frac{2^2}{q} + \frac{2^2}{66} = 0.505.$ Geby 2
9 66 9 66
Stepy X critical for $\alpha = 0.05$, $dol = No of growps -1$
dol = No part
(mal) 491 to
Steps conclusion
1 22 1 to 7 2 critical
if Restate 7 Revibied reject the H.
* 0.505 < 3.84 X2 state=0.505. Xanikal=3.84
We fail to seject the Ho.
Conclusing _ 12-1. of people are left handed
with 95 -1. Loubidena.



x2 oritical x = 0.05 Slepy 0.1 = 3 - 1 = 2Korihalows, dof 2 = 5.99 x2 stats > X2 critical -> Reject the Mo Step-5 26.66 > 5.99 orject the M. Conclusion - The weight of 2020

population are different those
expected in 2010 fortulation.