procedure for thypothesis testing ?) Nuel type typootlesis Mo: 0 = 00 when properties Ho: 0, = 02 Alternate hypothesis $H_1: \Phi \neq \Theta_0 \quad (\Theta_1 = \Theta_2)$ HI: 0>00 Two tailed test C. Right one touled test H.º. O<O. -> left one failed-test (3) Los = </. = 14. (8) 5%. m ponbasility = 0.01 (5) 0.05 721. = Table (4) lest statistics $Z_{cal} = \underbrace{t - E(t)}_{}$ (5) Companision ad Conclusion ?-

13cal / 5 / 2 table

2 test for different proportions othe test statistics 2 = the other standards 3 fist fe single mesno -* by by = \(\frac{\frac}\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac} 2-test for Dofferece Imeans 1-1 $\frac{7^{2}}{\sqrt{\frac{1}{n_{1}}}} \frac{x_{1} - x_{2}}{\sqrt{\frac{1}{n_{1}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{x_{1} - x_{2}}{\sqrt{\frac{1}{n_{1}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{x_{2}}{\sqrt{\frac{1}{n_{2}}}} \frac{$ 2 test for single proportion ig i tot detakes Jes+0 Test of significace of the difference serveen scrople propostion population proportion the fest statistics: P-P (2)

The fatalty arte of typhical pediet B selieved to be 17:26 %. In a certain year 60% 640 patreit suffering from typhiod were trested on metropalitan hospital and only 63 pertiets died. Con you oprosider the hospital efficient. (int più p: 174/. 80 p = 63 640 = 17-26 the service in the second of the service of the ser using formality with 13 12 pour 502 P = Pour No 13 - TPO AND Companisva ed conclusia [3cul > (27us) - 4.96 >

Ho is sejected.

His accepted.

thuse p no significant differer effect

pvP.

One fail

and two fail

It A sales person me a deperson et al stree Claims that af most co. f. of the Shoppers entering the stree les vers without making a purchase. A readom sample of 50 shoppers should that 35 of them lafts without roaking, a purchase. Are thuse sample serults consisted with claim of the Salesperson

Surph of 900 school, boys had a Slight physical defect. In another large city B, 18.5 percent of sendom sample of 1600. schooly boys had the same defect. It the difference between the proportion significant?

Defor an moverse in excise deiety on tes, sur people out of sample 1000 vere consumers of tea. After moverse on duicky swo people were consumers of tu on a sample of 1200 persons.

And wester the is significant difference decorease in the cousurphia

A sample of two studies faken from a large population. The mean height of the studes on this sample is 160 cm can it be regionably regarded that population, the mean height 165 cm and S.D B 10 cm).

The men bocking stought of the cases supplied by a manifecturer is sen with a sport of the case in the aspect of the case in the boesking proces. If a chimed that the boesking stought of the case has increased. In order to feet this chim, ased. In order to feet this chim, and further found that the meen soesking stought of the solution of the found that the meen soesking stought of the solution of the solution.

A simple 89mple of heights 6400 Eights

Men has a men of 170 cmg and a SD

of 6.4 cm with while a simple sample

of heights of 1600 Americans has a mean

of 172 cm and a SD of 6.3 cm. Dotte

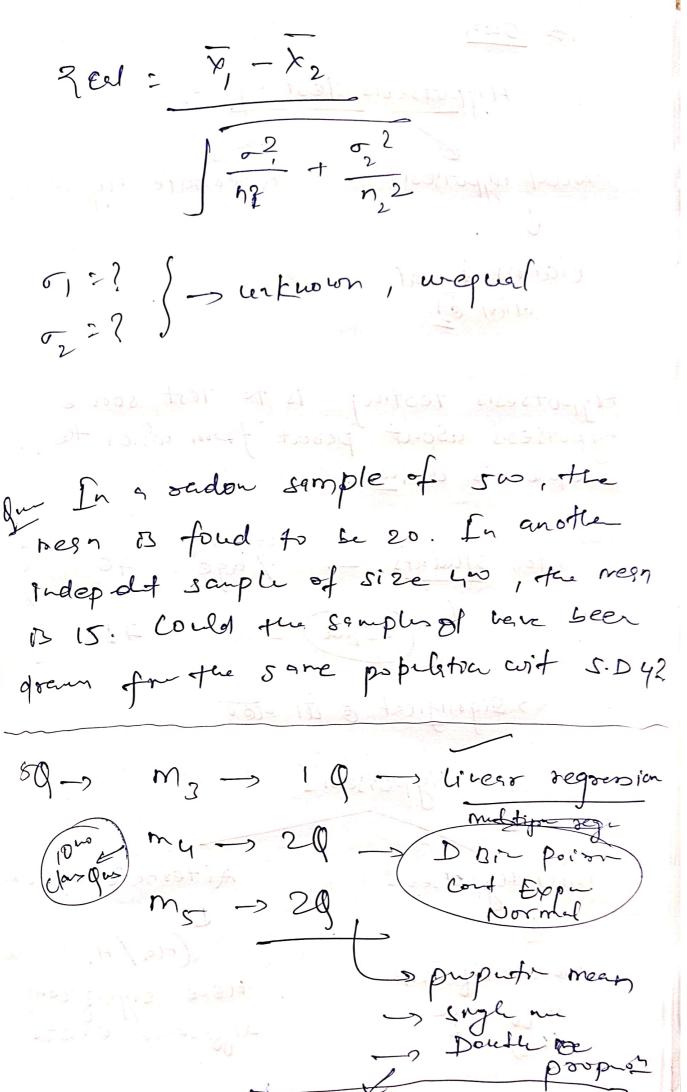
dota indicate that Americans are, on

the average table the Eighthma.

h, = 640 hr = 1600

T, = 170 Tr = 1600

S, = 6.4 S₂ = 6.3



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