Nicholas Synovi 1-26-202 Ste+ 203 @ HU + I genity a gitterences in the final histogram ostas different Class soquentes literalis Stunderd devication (CIUSS intervers For MU: = [- [(/ 1 - 1)] 6-9 9-12 working Formula For 12-15 1 (2 xi - 172) Draw Mistogram of Relative Rocquercy 1-1 (2) xi - 172) Relative Frequency OA/ Class intenders Men Devication

A Sour Median

1 2 (hi - x) Sumple Men Equation -X = X, + X2 + X3 + ... + Mean Absolute Deviction
About Mean

12

12

1-7 (x = (x x i) / ? さる、人人・一人 Sumple Median = X If n is odd - = (2+1) vaine pure whesis & Man Squere deviction Sumple Mode = X mix 子子(パータ) (n +1) + (n) Sumple Variance Logf nis Even - X 7. of dere left, Querik, 7. det right 251. Q. 75% anestiles ar, 501. 50% Q3 , 251. 75% QL Q3

(a) Simple Men X = (2xi) /2 - 6405 = 640.5 Sumple Medica 350, 408, 540, 555, 575, 590, 608, 679, 815, 1285 x = (2+1/2) + (2/2) - (41) + 5 5.75 + 590 - 582.5. b) X decrease by 300/10 = 30 X = Exit = 6105/10 = 610.5 No. change in Madian

C) Prim 2 smallest & largest from (201.) X 20%. = 540+555 + 575 + 590 + 608 > 679 = 10.5 d) Calculate Froi. & X101. + han average X201. d X101. X₁₀, = 596.25 X₂₀, + X₁₀, e 591.167 (26) Reter to problem 3's Stem & leas plan X =(Exi)/21 = 3131/40 = 78.275 -) Shape was songhing Symetrical So Z 0 % are expected C) Con increase arbitrarcing Conner decreese arbitaloury beyond 81. After 81 the