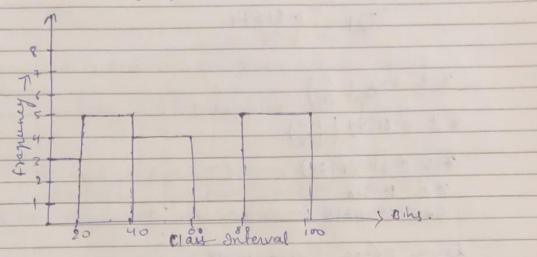


And: bine spe 20 Bing - 6.



Or In a quant test of the CAI Exam, the population standard elevication is known to be 100. A sample of 25 tests taken has a mean of 520. Construct an 80%. CI about the mean.

Any: u = 100 x = 520 n = 25 CL = 107.

degree of freedon = n-1 = 25-1=24 CI = 89 = 0.8 2-1-0.8 = 0.2 2 = 2 (0.2) 2(x) = 2011 ZX = 0.81594. 文士 22/2(6) 2 ± 0-81594 (100) 2 ± 0.81594 (20) 元士 16:318 520 I.16318 Lower Fence = 520-16.318 = 503.682 Higher fence = 820 + 16.318 = 586.318

Accept
So3 682 S36-318

9: - what is the value of the 99 percentile ? 2,2, 3, 4, 5, 5, 5, 6, +, 8, 8, 8, 8, 9, 9, 10, 11, 11, 12. Any! - n= 20 too 99 Percentile = 99 1, 20 = 19.8 = 20 20th position of given value is 12. Any! - 99 percentiles is 12. 95! - In Left of Right - Skewed data, what is the relationship b/w mean, median of Hodo? Draw the grouph to represent the same. Ans: - Left skewed data: -Median mean of - Made Eg! - Life span of human bein Negative skew

Right skewed data: Eg: -. wealth distribution Mode - Meag . positive skew In Right skewed distribution curve distributed along Right hand side and on the other hand Left hand side distributed along left. In Right skew ! -Mean > Median > Mode left skew: - Mode > Median > Mean. 03:-A can bolines that the percentage of Citizen i'm a city ABC that owns a vehicle is 60%. or Less . A sales manager disagree with this, the conducted a bypothesix tisting surveying 250 viesidents of found that 170 recidents our ponded yes to swing a vehicle. a) Stale the hull of alternate hypotherisb) At a 10%. significance heard, & there enoughly

evidence to support idea that rehicle owner in ABC city is 60%. or lest:

Any:-	n = 250	rl= 60%
1117.	X = 170	= 60
	A = 170	
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(P) X =	- 10,1- = 0.10.	
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2 30		
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	Zscore = 2.58	
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