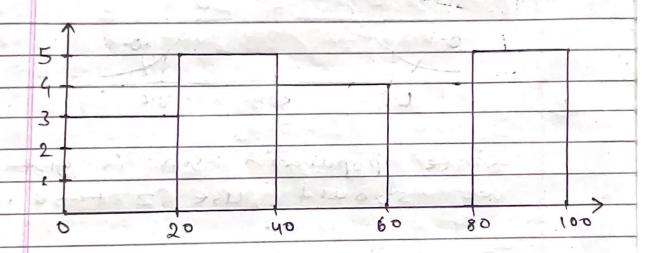


Statisfice Assignment.

- 1). Plot a histogram. 16,13,18,22,27,32,38,40,45,51,56 57,88,90,92,94,99.
- A). Suppose bins = 5, & binsize = 20.



2). In a quant test of the CAT
exam, the population standard
deviation is known to be LOD.

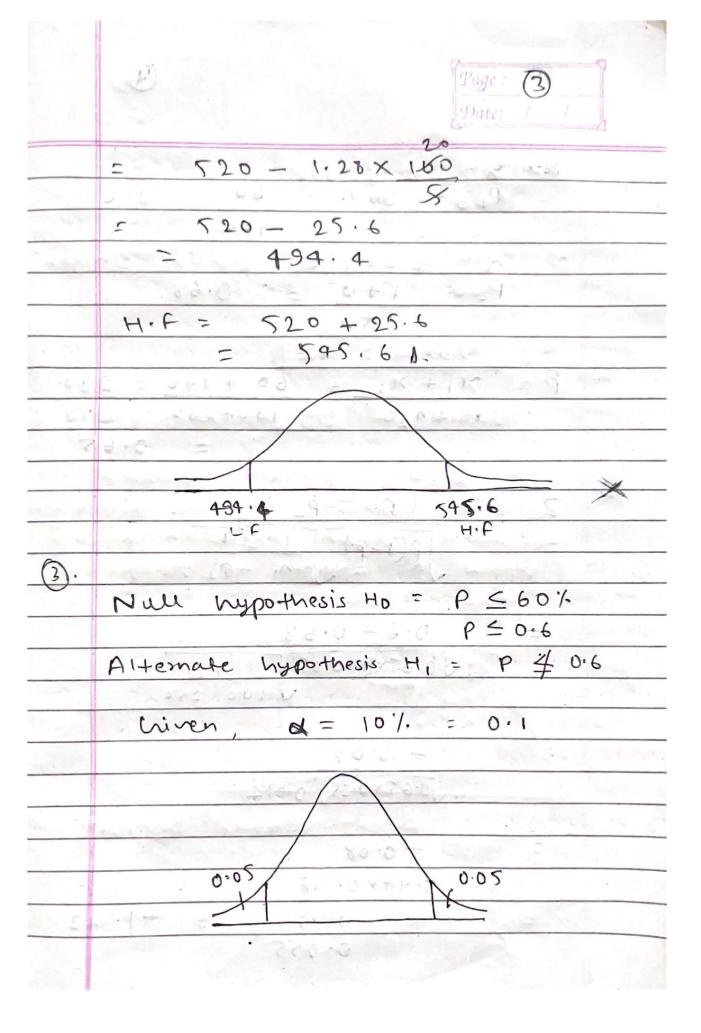
A sample of 25 tests taken

has a mean of 520. Construct

an 80.1. C.I about the



B).	viven, 0=100, N=25, N=520
	$C \cdot I = 80.1$
	X = 1- CioFerrico tello
2,00	18 N. 64 = 5 1 - 180 / CC - 3 - 127 OL
	2 , 20.2 20 77
2.70	
	A. Suppose Suppose 13 612 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	0-1
	1 - X
	L.F. 520 U.F
	Since population S.D is given,
1	we should use 2-table.
001	- 68 08 000 00 00
	Zd = 20.2 = 20.1
77-56-	2 2
THU	using 2 table,
LA	100-100 2x 2 1.28
66.1	oc or whom I
3/10	(.F= 7 - 2x -
MATTA	2 Th
	A topological and the second of the second o
	= 520 - (1.28 × 100)
	GS.



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60 60.1-20.6 100 0.68. P = 21, + 212 60 + 170 = 230 100+250 350 n, +n2 0.65 P. -DO TO POST OF THE SERVICE WAY 0.6-0.68 0.65x(1-0.65) 250 1.0 0.08 JO.65 x 0.25, 0.014 -0.08 0.47x0.118 -0.08 -1.42 0.055



Using 2 score table.

p for z = -1.42 is 0.07780



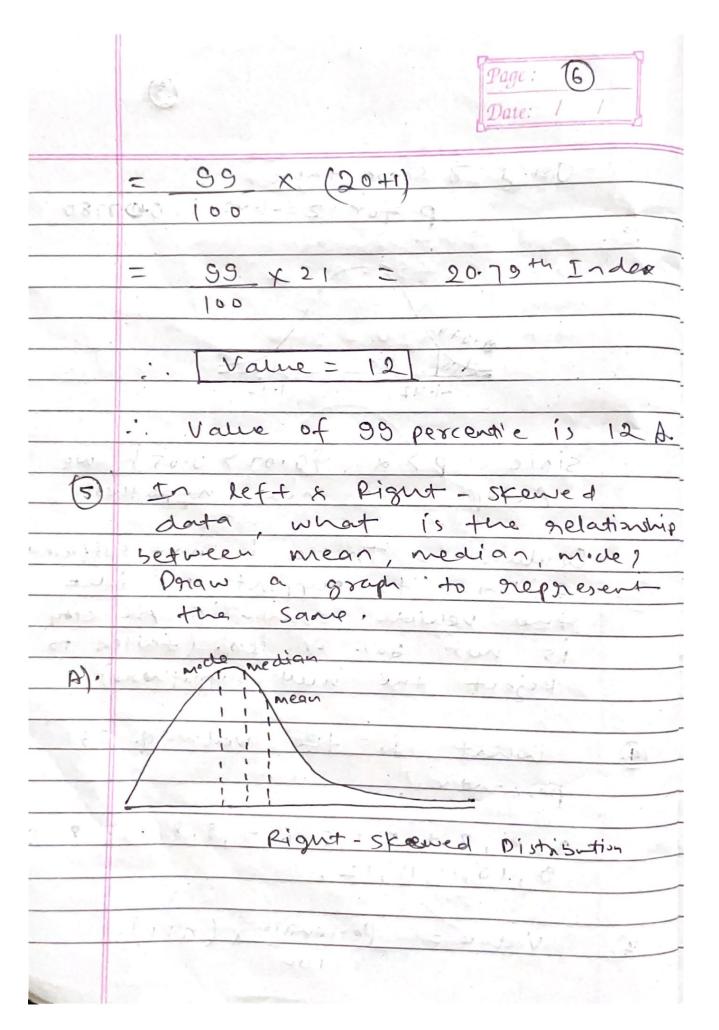
Since, p > x, soint > 0.05), we Accept the num nypothesis,

Conclusion: There is not sufficient evidence to support the idea the vehicle owner in ARC city is not 60% or pens. (failed to Reject the new hypothesis).

percentie?

2,2,3,4,5,5,6,7,8,8,8,8,8,9,9

A) Value = Percentite x (n+1)





media mean left-skered data. Relationship -In Right-Skewed data the mean will be greater the median a media will be greater than mode. i. mean > median > mide. eg: Wealth distribution. In left - Skewed data the mode will be greater than median mean.

in mode) median I mean.

eg. Life span of human being.