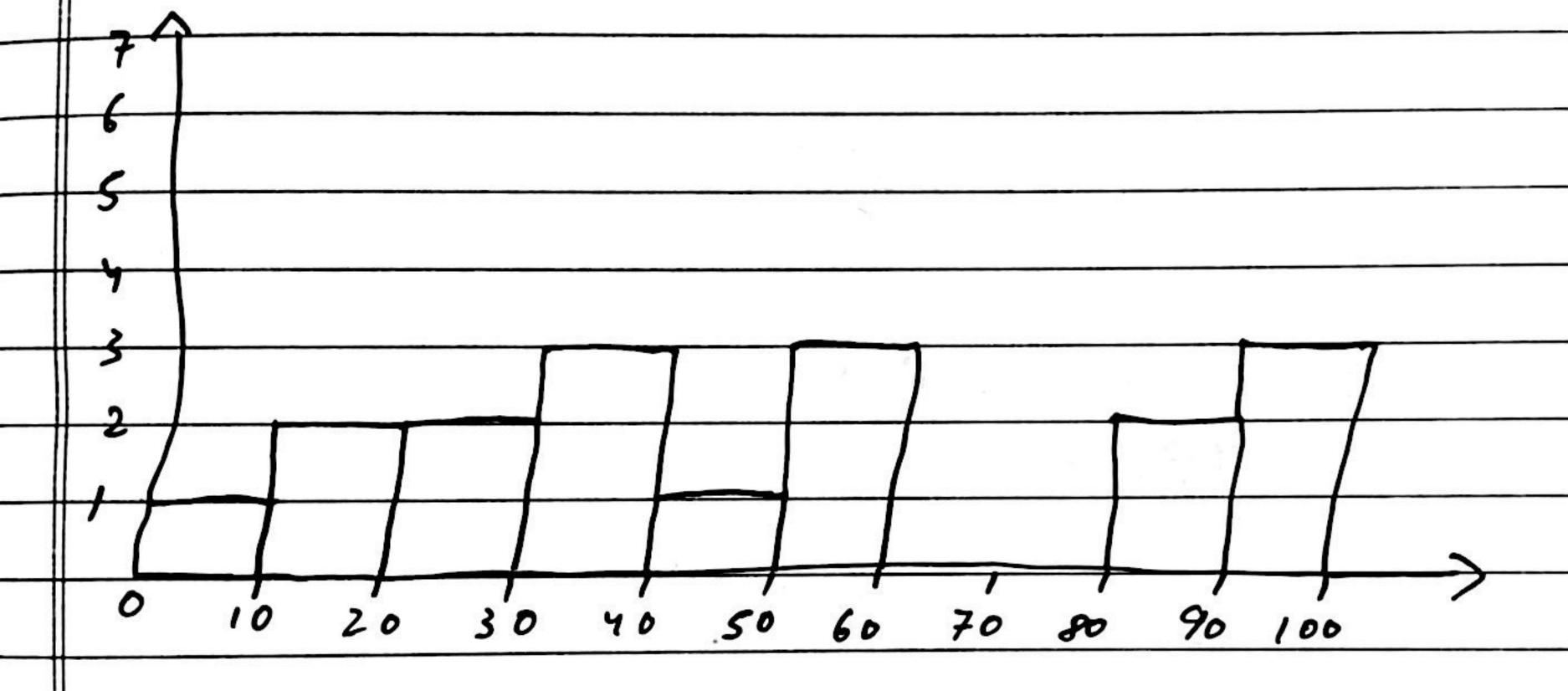
	classmate	0
5	Date	3
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R		

Statistics	Assign ment	•

aus 1 Plota histogram

10, 13, 18, 22, 27, 32, 38, 480, 45, 51, 56, 57,

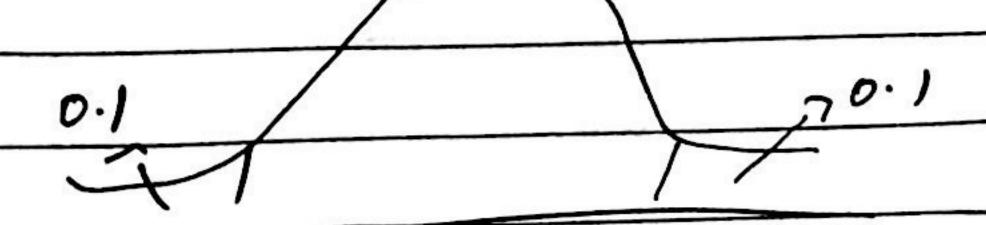
88,90,92,94,99



lus 2. In a quant test of the CAT Exam. The population standard deviation is known to be 100. A sample of 25 tests taken has a mean of 520. Construct on 80%. CI. about mean.

7. As the population std-isgiven we will use 2-test

 $\delta = 100, n = 25, \bar{x} = 520, \, x = 0.20$



	C.I. = Point Est. + Margin of Error
	$Z_{\alpha_1} = 1.29$
	$= \overline{x} + 2\alpha_{y} \underline{6}$
	$\sqrt[n]{\sqrt{n}}$
	$= 520 \pm Z_{0.1} \frac{100}{\sqrt{25}}$
	$\sqrt{25}$
	Lowerfland = 520 - 1.29 (100)
	(8,
	= 520 - 25.8
	= 497-8
_	1-light Fine = 520 + 1.29(100)
-	
4	= 520 + 25-8
4	= 545-8
-	
4	80%.CI.
4	C-I.= Proupt Not Hypothesis

Right

Null

Reject Null Hypo

Hypothesis

1997-2

S458

aus3.

Null Hypothusis

X=0.1

> Acapt the Ry'Let Ho

1.29

$$\frac{1}{p} = \frac{x}{x} = \frac{17p}{250} = 6.68$$

Po = 0.6 go = 0.4

$$\frac{Z_{+u}t = \hat{P}_{\cdot} - P_{o}}{\sqrt{\frac{P_{o}q_{o}}{n}}} = \frac{6.68 - 0.6}{\sqrt{0.24}}$$

$$= 0.08 = 2.588$$

 0.0309

Conclusion =72-58871-29 (RyRetHo)

There is not enough evidend to prove that which ownership
is 60% or less.

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	Date Page
Qusy.	What is istherall of 99 percentile.
	2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 8, 8, 9, 9, 10, 11, 11,12
	= 99 x(20+1)
	= 0.99 x 21 = 20-79 > Index Position.
Value of 194th	= 12
Qus S.	In left & right skewed data, what is the relationship between mean median, mode?
	Draw graph to represent some?
->	Right skende median
	Man
	Mlom > Median > Mode

	classmate
	Date
Ult shired > Mode	
Man Man	
Ma do > mals > Ma	
Mode > Median > Man.	
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