

Ways to display data:

I) Frequency Table (Distribution)

Student test scores: 51, 53, 62, 63, 67, 72, 72, 78
81, 81, 82, 84, 85, 86, 88
93, 94, 95, 95, 100

	Score on test	# students
Quantitative Data	0-49	0
	50-59	2
	60-69	3
	70-79	3
	80-89	7
	90-99	5
	100-100	0

Frequencies

Qualitative Data

Favorite pie
Flavor

of people

Apple

|||| = 6

Pumpkin

|||| = 5

None

|| = 2

Pecan

|| = 2

Blackberry

| = 1

Egg Custard

| = 1

Boysenberry

| = 1

Cherry

| = 1

Derby

| = 1

Key Lime

| = 1

II) Stem-and-leaf Plot

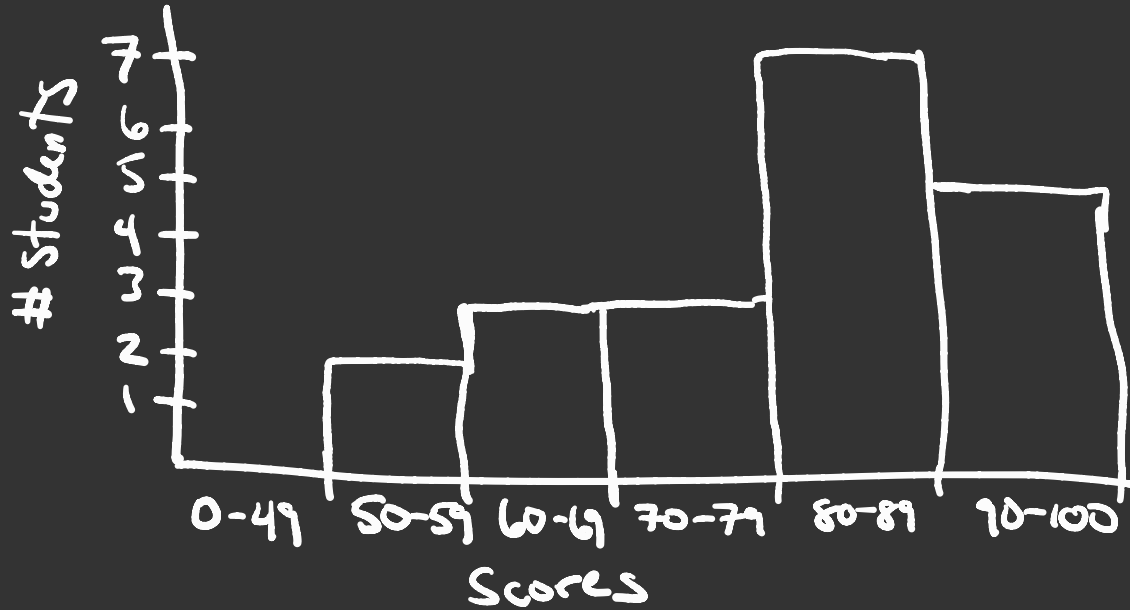
Student test scores: 51, 53, 62, 63, 67, 72, 72, 78

81, 81, 82, 84, 85, 86, 88

93, 94, 95, 95, 100

Stem (First Digits)	Leaves (following digits)
5	1 3
6	2 3 7
7	2 2 8
8	1 1 2 4 5 6 8
9	3 4 5 5
10	0

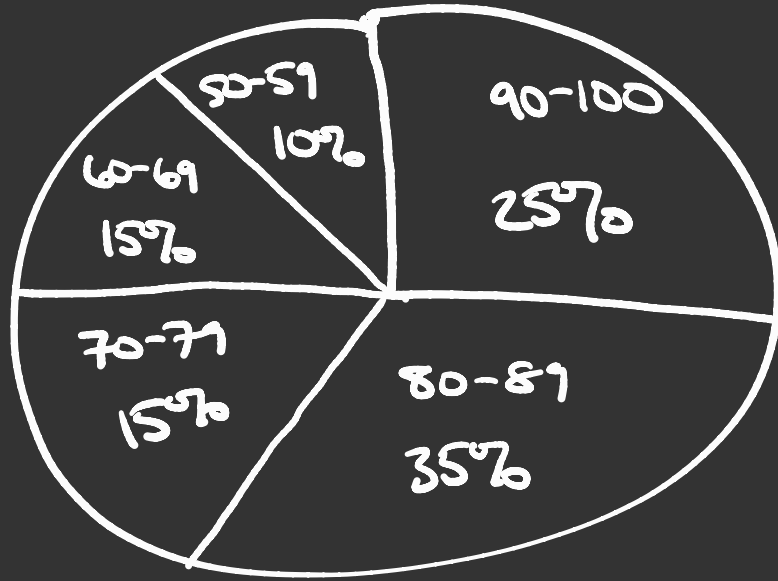
III) Histogram



Relative Frequency: Percentage of whole

	Score on test	# students	Relative Frequency
Quantitative Data	0-49	0	0
	50-59	2	$\frac{2}{20} = 0.1$
	60-69	3	$\frac{3}{20} = 0.15$
	70-79	3	$\frac{3}{20} = 0.15$
	80-89	7	$\frac{7}{20} = 0.35$
	90-100	5	$\frac{5}{20} = 0.25$

IV) Pie Chart



Favorite Pie Flavor	# of people
Apple	= 6
Pumpkin	= 5
None	= 2
Pecan	= 1
Blackberry	= 1
Egg Custard	= 1
Boysenberry	= 1
Cherry	= 1
Derby	= 1
Key Lime	= 1

