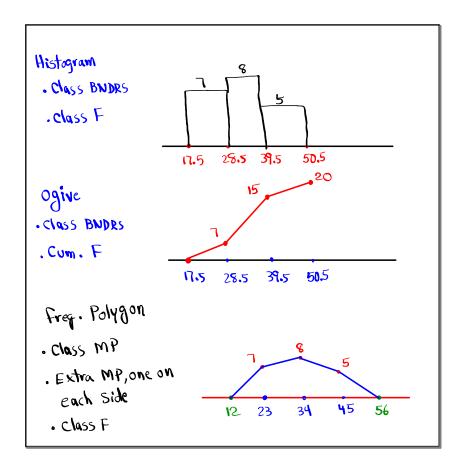
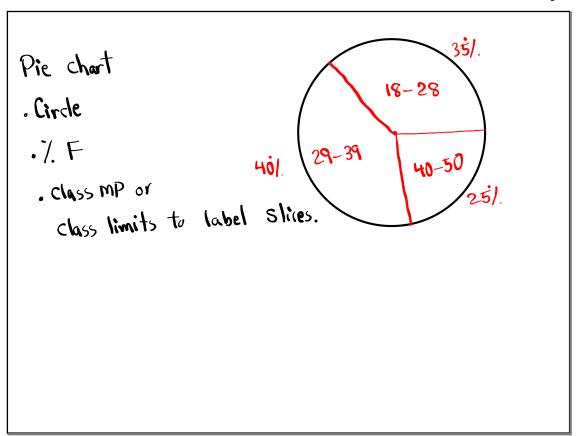
Math 110
Winter 2021
Lecture 2



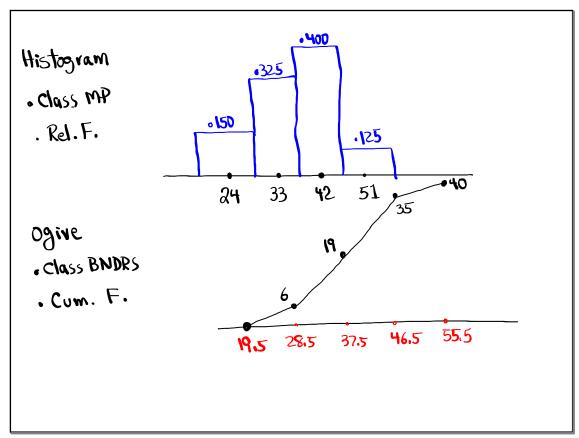
```
SQ 3 & 4.
ch.2
                         I randomly selected 20 students
1) Collecting data
                         and here are their ages:
2) organize data
                         12 61 SI
3) Graph them
                              42 45 47 48
                         2) min = 18, Max=48
1) Sample Size n=20
                             4) Midrange = \frac{\text{Max + Min}}{2} = \frac{4818}{1}
3) Range = Max - Min
                                                   33
          =48 - 18 = [30]
                           6) Make a Freq. dist. table with
5) Mode= 25 & 30
           Bimodal
                              3 classes.
                            Class width= \frac{Range}{\# classes} = \frac{30}{3} = 10
           when decimal -> Round-up
            when whole -> Add 1
```

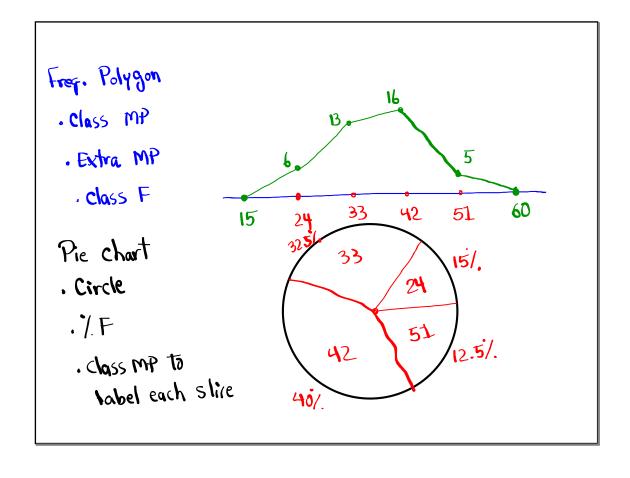
Cw = 11										
Class limits	Class BNDRS	Class MP	class F	Cum.F	Rel.F	<u> 7.F</u>				
18 - 28	17.5 -28.5	23	7 -	₽, \	•35	35/.				
29 - 39	28.5 - 39.5	34	8 /	\ \ \ \	.40.	40/.				
40 - 50	39.5-50.5	45	5/	20	.25	25%				
Class MP = $\frac{1}{2}$ Class limit $\frac{1}{28}$ $\frac{1}{29}$										

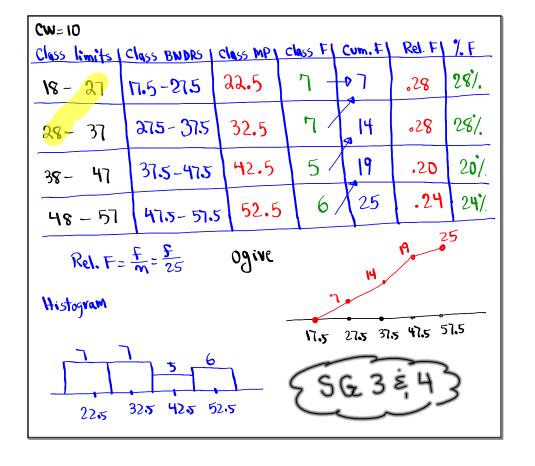




Complete the Chart below										
<u>class limits</u>	Class BNDRS	Class MP	Class F	Cum. F	Rel. F	<u> </u>				
20 -28	19.5 -28.5	24	6 –	<del>•</del> 6	٠١50	15 <b>.0</b> /.				
29 - 37	28.5-37.5	33	13	19	•325	32.5%				
38 – 46	37.5-46.5	42	16/	35	<sub>0</sub> 400	40.0%				
47 - 55	465-55.5	51	5 /	40	.125	12.5%				
4 Classes, $n = 6 + 13 + 16 + 5 = 40^{-2}$ Rel. $F = \frac{f}{n} = \frac{f}{40}$ CW = 29-20=9 class MP = $\frac{f}{n} = \frac{f}{n} = \frac{f}{n}$										







Class QZ 1

1) Simplify 
$$\frac{10.150 - 30^2}{10.11}$$
 3-decimals

2) Simplify 
$$\frac{8!}{5!}$$
 3) Draw  $\sqrt[3]{-\frac{3}{5}}x-3$