

Name: _____

Date: _____

Warmup How well did this class do on their tests?

30 values

45	68	94	76	89	99	53	79	61	61
98	72	61	81	98	59	91	68	71	32
57	69	42	78	47	87	78	74	48	87

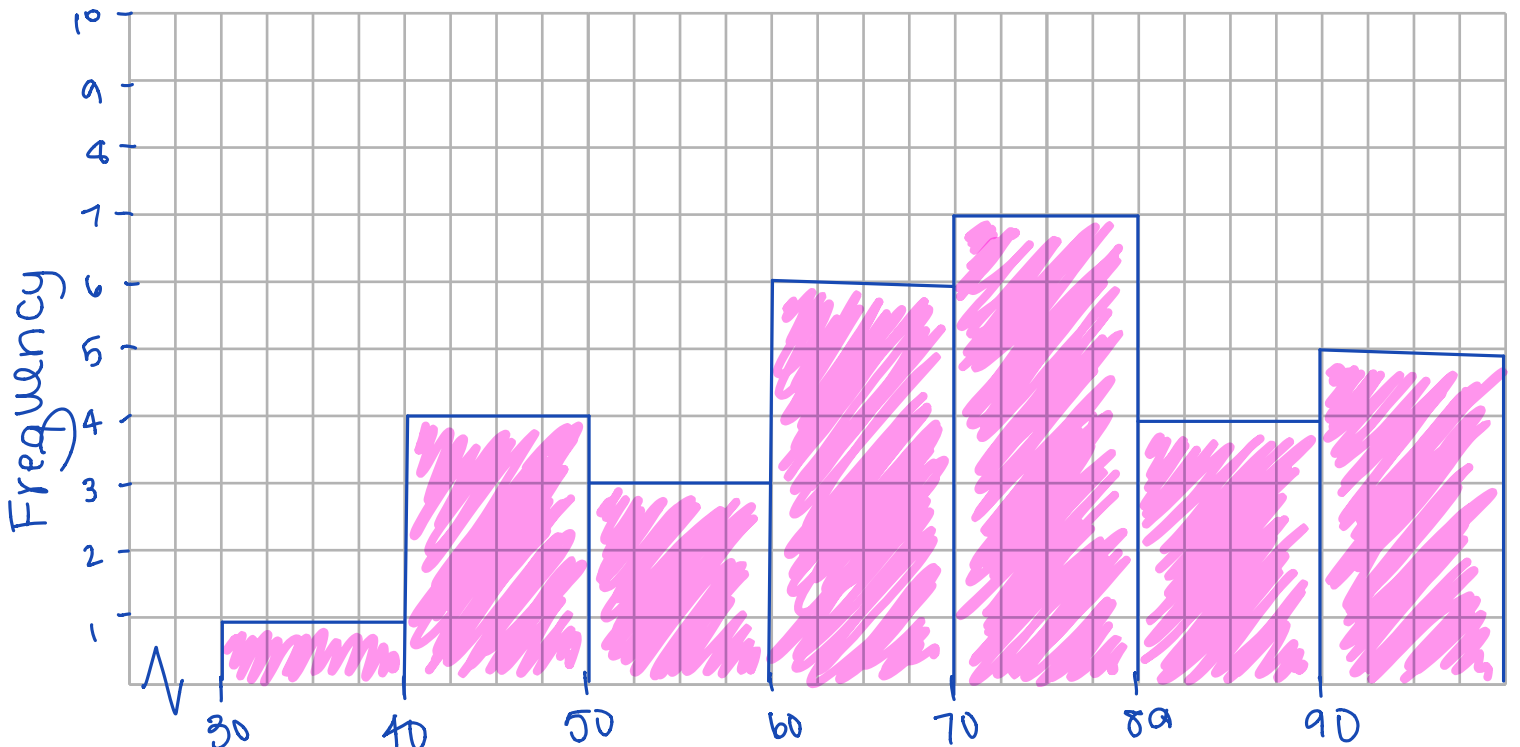
$$\frac{99 - 32}{7} = \frac{67}{7} \approx 9.5$$

It would make sense to group the data in some way. So we will create a Frequency Distribution.

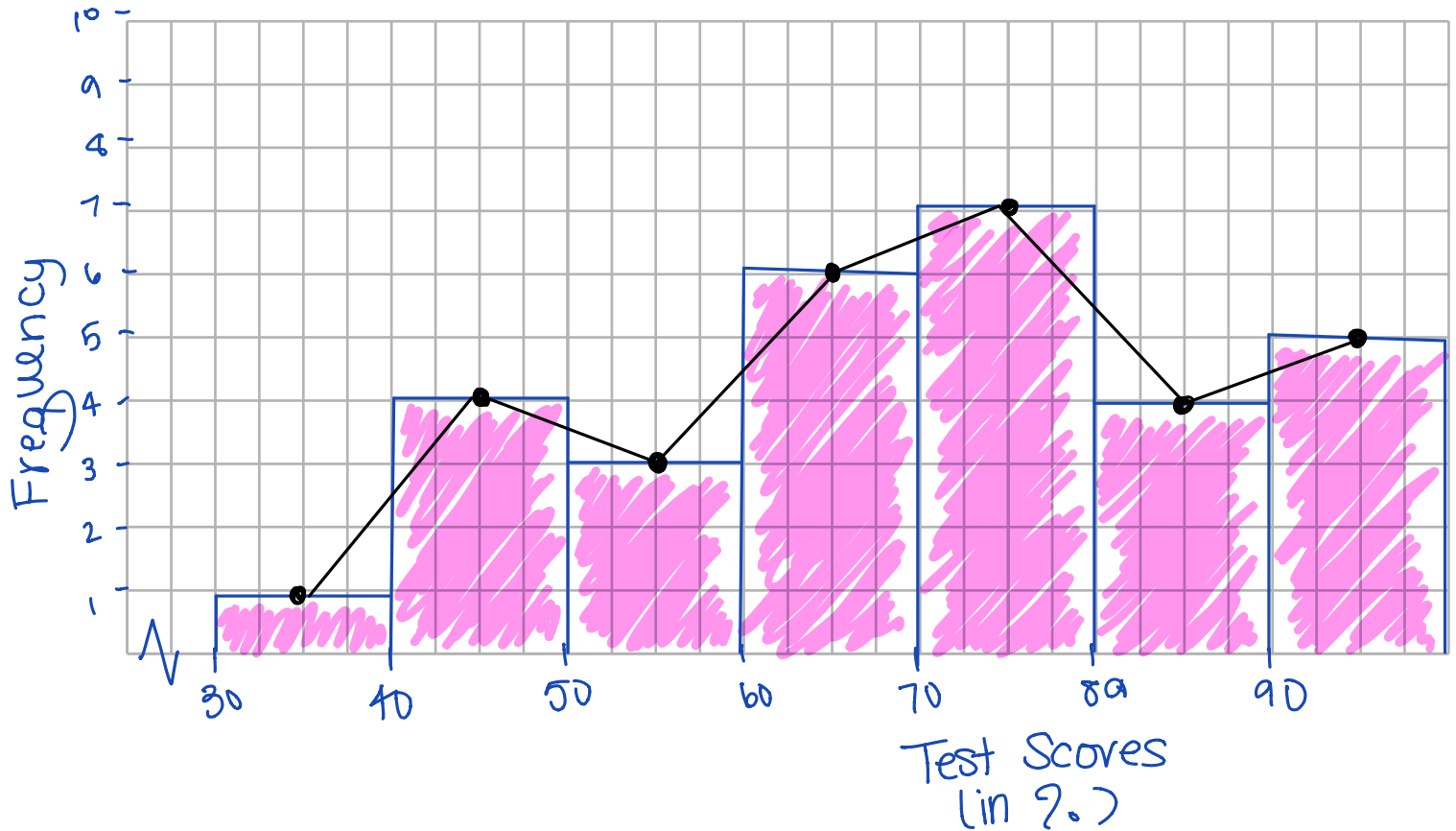
Score	30-39	40-49	50-59	60-69	70-79	80-89	90-99
Tally							
Frequency	1	4	3	6	7	4	5

Can we represent this graphically?

- Histogram - bar graph to represent your data.



2. Frequency Polygon Finds the midpoint of each class, draws a dot at the frequency value, and connects the dots with straight lines.



Measures of Central Tendency?

45	68	94	76	89	99	53	79	61	61
98	72	61	81	98	59	91	68	71	32
57	69	42	78	47	87	78	74	48	87

Mean (add them all together) ÷ 30

Median $\frac{69+71}{2} = 70\%$

Mode. 61