

Honors Statistics
Review 2.4 and 2.5

21 32 19 25 31

1. Find the mean
2. Find the median
3. Find the midrange
4. Find the standard deviation

5. Find the mean of the frequency distribution

Classes	f
32 - 36	1
37 - 41	3
42 - 46	3
47 - 51	12
52 - 56	10

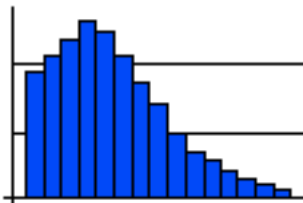
6. Find the standard deviation of the frequency distribution

Classes	f
10 - 12	2
13 - 15	1
16 - 18	5
19 - 21	4

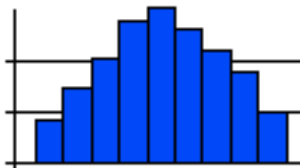
7. Jose is taking Statistics at Broward College. The professor gives two tests that are weighted 30% each and then the final exam is weighted 40%. He earned a 72 and 79 on the tests and then an 80 on the finale exam. Calculate the weighted mean.

8. Classify the distributions as symmetrical, skewed left, or skewed right.

a)



b)



9. Which measure of center (mean or median) is affected by outliers in the data? Explain your answer with a list of data.