

Station #1

Give examples of graphs that represent Quantitative vs Qualitative?

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Station #2

What's the difference between the following?

- frequency histogram
- relative frequency histogram
- bar graph
- pareto chart

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Station #3

42 - 45	25
46 - 49	14
50 - 53	7
54 - 57	3
58 - 61	1

- Create a frequency histogram
- Is it skewed and why?
- Find the 3 measures of central tendency.
- Find the standard deviation.
- If you were 55, would that be unusual?

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Station #4

17, 18, 18, 18, 18, 19, 19, 19, 19,
19, 20, 20, 20, 20, 21, 21, 23, 25

- If Sarah is 20, what would her percentile ranking be in this set of data?
- What score would represent D_8 in the data set?

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Station #5

Construct a box plot, give the 5 number summary, and are there any noticeable characteristics?

27, 8, 17, 11, 15, 25, 16, 14, 14, 14, 13, 18

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Station #6

Which test did you do relative better on? Explain.

Stats 80 C mean of 84 and $s = 3$
Calculus 83 mean of 79 and $s = 4$

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Station # 7

Heights of women have a normal distribution mean = 63.6 and $s = 2.5$.

What percent of women fall between 61.1 - 66.1?

If a women is 72 inches tall is that unusual? Explain.

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Station #8

17, 18, 18, 18, 18, 19, 19, 19, 19,
19, 20, 20 20, 20, 21, 21, 23, 25

Fill in the table below:

	classes	Tally	frequency	midpoint	Relative frequency	Cummulative frequency
1						
2						
3						
4						

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