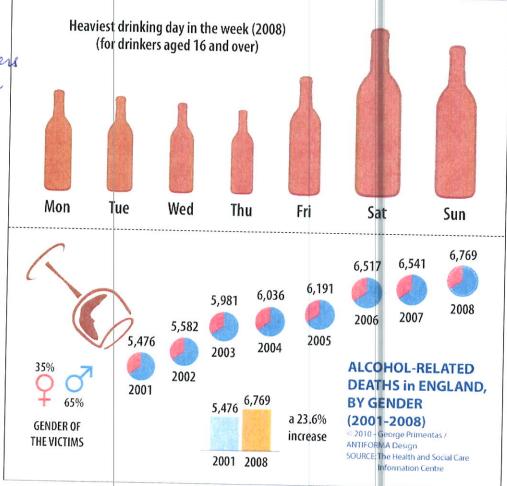
1. Explain in your own words why we need to understand how to read graphs.

we den't process numbers derectly very well, but do process issual relationships quickly. But they can be deceiving so we still need to thenk about them cerheally.

2. What is the difference between a time series graph and a cross-sectional graph?

a time-series graph tends to measure how are thing changes over time. Crossectional graphs are a Snapslot in time

3. What are some potential problems with pictographs? For context:



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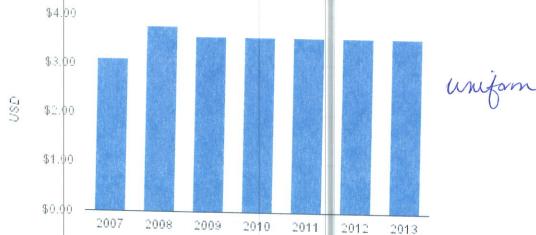
than yest

4. Give one reason why the scale of a graph matters.

mis-scaled grophs (ones lacking a scale)
Can be misteading

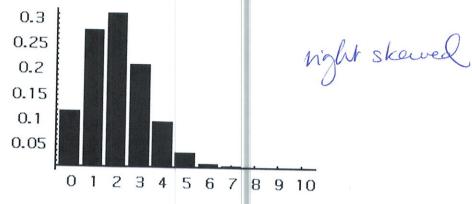
5. Classify each of the distributions/graphs below as roughly 1) uniform, 2) symmetric, 3) skewed left, 4) skewed right, or maybe none of these.





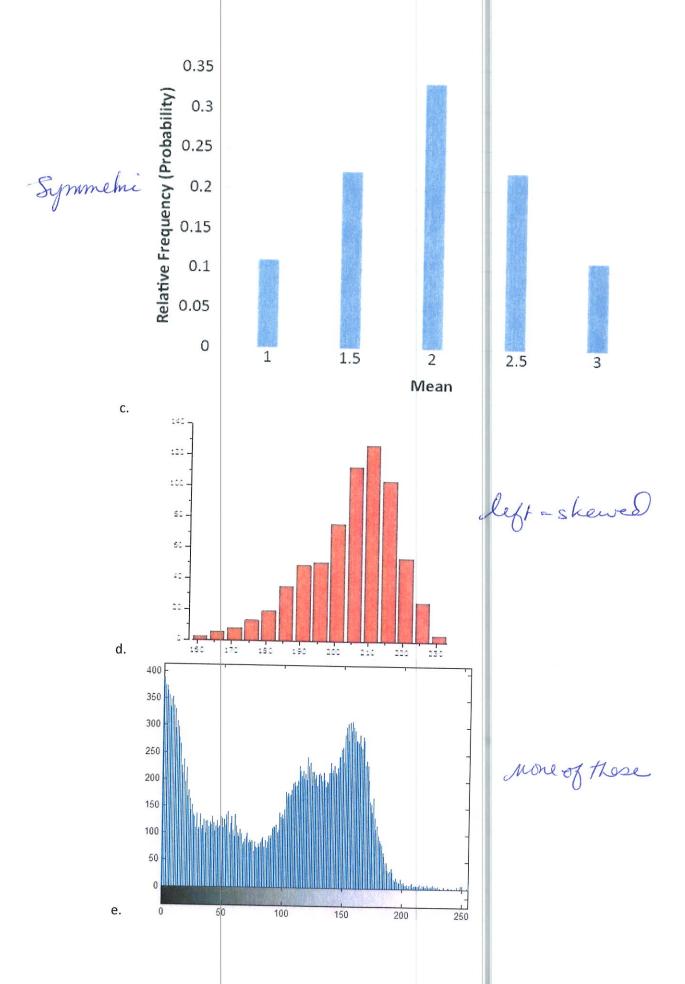
a.

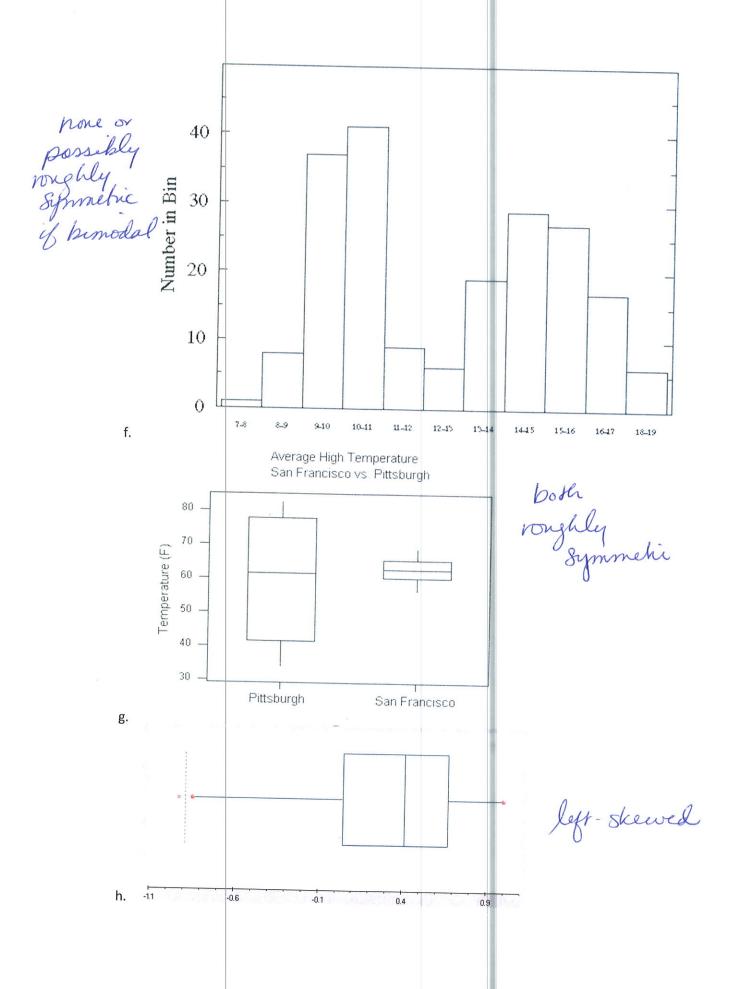
Probability

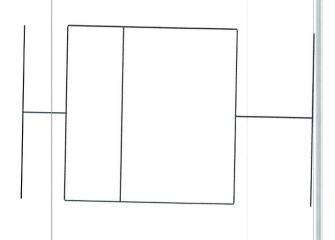


Number of Successes p=0.2, N=10

b.







night skewed

i.

6. When analyzing graphs, what 4-5 things should you be looking for in each graph? (If you prefer, you can give 1-2 things per graph type, for 4-5 different types.)

are the axes lakeled? Does he graph have attle?

does it have a legend or key?

Is the gaph type approapriate for the data?

answers will vary

7. Read the article at http://thejournal.com/articles/2015/08/17/early-results-from-common-core- tests-show-academic-gains.aspx and comment on the potential flaws on the article. What kind of graph(s) would be useful to see the effects claimed by the article.