Name	Rey	Date	Pd
	Statistics Ch. 2 Test Review C	Organizing Data	
1.	Consider these types of graphs: histograms, bar grastem-and-leaf display. a. Which are suitable for qualitative data? Bar graph, Pareto chart b. Which are suitable for quantitative data?		t plot, and
2.	A consumer interest group is tracking the percentagover the past 30 years. Which graphical display workseries graph? Why? A time - series graph, be called a over time is The	uld be more useful, a histogram	m or a time-
	Describe how outliers might be revealed in histogra- Any large gaps between be at the beginning of end what must you always remember when creating a title #5 on The axes, lared	of the data segraph?	and-leafs et might are outlies
5.	Compare and contrast dot plots and stem-and-leaf Dot plots & Stem-2-left chiple Stem steaf group all data have group only data and the That Almost everyone files a federal income tax return (and the trespondents said unknowing deductions, 10% said selecting the right for 11% did not know what made it difficult. Make a circular plots of the plots of the contract of the contrac	plots. The same stems where same stems where same stems where we will someday). A research ple thought to be the most diffinderstanding the IRS verbage, orm, 8% said calculating the number of the same stems.	cult. The 28% said imbers, and
Pr W/ Re	tums Jargon 43%	000	

Deguctury 58%

7. Driving under the influence of alcohol (DUI) is a serious offense. The following data give the ages of a random sample of 50 drivers arrested while driving under the influence of alcohol. This distribution is based on the age distribution of DUI arrests given in the Statistical Abstract of the US (112th Edition). Make sure to include title and label of the axes.

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a) Make a stem-and-leaf display of the age distribution. (Should it be split-stem or back-to-

back?)

b) Make a frequency histogram showing class boundaries using seven classes.

Driving Under The influence of Alanol

64-16 2 6.857 7 class width=7

Describe the shape of the distributions, outliers, clusters/gaps.

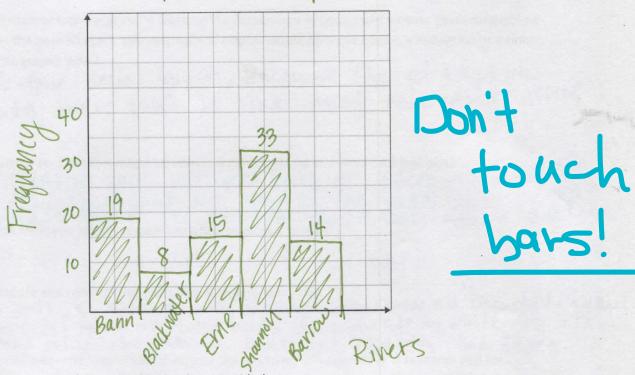
Slightly slewed Right No gaps clusters or outlier exist

8. Commercial dredging operations in ancient rivers occasionally uncover archaeological artifacts of great importance. One such artifact is Bronze Age spearheads recovered from ancient rivers in Ireland. A recent study gave the following information regarding discoveries of ancient bronze spearheads in Irish rivers.

River	Bann	Blackwater	Erne	Shannon	Barrow
No. of Spearheads	19	8	15	33	14

a) Make a bar graph for the above data.

Number of Spearheads



b) Make a circle/pie graph for the data provided.

Number of Spearheads

