Math 13 Chapter 2 Overview Problems

1) Below is a frequency table for the ages of students in a Statistics class.

Age	Frequency
17-19	12
20-22	15
23-25	8
26-28	5
29-32	2

a) Identify the lower class limits.

b) Identify the upper class limits.

c) Identify the class width.

d) Identify the class boundaries.

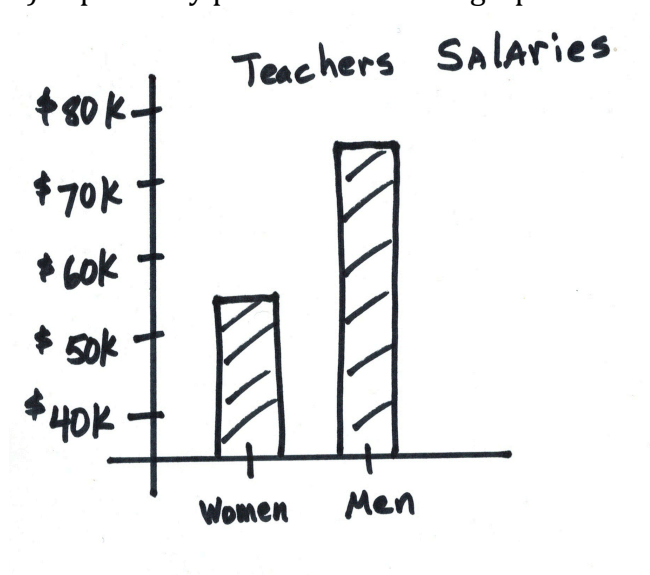2) Given the data below, create a frequency table with 4 categories.

3, 6, 9, 2, 15, 20, 7, 13, 16, 2, 5, 8, 9, 11, 11, 19, 6, 9, 12, 7, 3, 18, 15

3) Given the score on a Calculus final below, create a stem and leaf plot.

90, 76, 89, 67, 98, 69, 77, 78, 95, 79, 77, 97, 88, 87, 68, 70, 89, 93, 91, 64, 98

4) A family makes $4,000 per month. They pay $1,200 for rent, $500 car payment, $800 for food, $200 for clothes, $500 for utilities and $800 for everything else. Create a pie chart for the situation.

5) Explain any problems with the graph below.

6) Listed below are the IQ scores of identical twins that were adopted and raised apart. Create a scatter plot for this data.

One Twin	Other Twin
90	95
99	101
105	106
109	103
111	113
98	100
89	92
115	116
100	102