More on Graphical Procedures

1. Do #2.17 on page 40. Construct a side-by-side bar charts.

WWW Site Attack	Percentage in 1999	Percentage in 2001
Inside	7	4
Outside	38	47
Both	41	22
Don't Know	14	26
Totals	**100**	**100**

2. How much oil the wells in a given field will ultimately produce is key information in deciding whether to drill more wells. Here are the estimated total amounts of oil recovered from 64 wells in Devonian Richmond Dolomite are of the Michigan basin, in thousands of barrels.

21.71	53.2	46.4	42.7	50.4	97.7	103.1	51.9
156.5	34.6	37.9	12.9	2.5	31.4	79.5	26.9
32.9	196.0	24.9	118.2	82.2	35.1	47.6	54.2
57.4	65.6	56.4	49.4	44.9	34.6	92.2	37.0
36.6	64.9	14.8	17.6	29.1	61.4	38.6	32.5
204.9	44.5	10.3	37.7	33.7	81.1	12.1	20.1
10.1	18.0	3.0	2.0	43.4	18.5	63.1	58.8
12.0	30.5	69.5	14.7	69.8	21.3	28.3	7.1

Construct a frequency and relative frequency tables using class intervals: $0 < 10, 10 < 20, \ldots, 110 < 120$. Then draw a frequency histogram.

3. Do women study more than men? We asked the students in a large first-year college class how many minutes they studied on a typical weeknight. Below are the responses of random samples of 30 women and 30 men from the class. Construct a back-to-back stemplot. *Because of the wide range of values in the data set, it might be better to trim the data first (by dropping the last digit), then construct the back-to-back stemplot using the trimmed data.*

Women					Men				
180	120	180	360	240	90	120	30	90	200
120	180	120	240	170	90	45	30	120	75
150	120	180	180	150	150	120	60	240	300
200	150	180	150	180	240	60	120	60	30
120	60	120	180	180	30	230	120	95	150
90	240	180	115	120	0	200	120	120	180