Quiz 1 Recovery **Name** _____

Determine if the variables listed below are *quantitative* or *categorical*. Neatly print "Q" for quantitative and "C" for categorical.

_____1. Time it takes to get to school

_____2. Number of shoes owned

_____3. Hair color

_____4. Temperature of a cup of coffee

_____5. Teacher salaries

_____6. Gender

_____7. Facebook user

_____8. Height

_____9. Amount of oil spilled

_____10. Age of Oscar winners

_____11. Type of pain medication

_____12. Jellybean flavors

_____13. Country of origin

_____14. Type of meat

15. Here are data on the percent of females among people earning doctorates in 1994 in several fields of study.

Computer Science	15.4%	Life Sciences	40.7%
Education	60.8%	Physical Sciences	21.7%
Engineering	11.1%	Psychology	62.2%

(a) Present these data in a well-labeled bar graph.

(b) Would it also be correct to use a pie chart to display these data? Is so, construct the pie chart. If not, explain why not.

Quiz 2 Recovery **Name _____**

Data Set 1	Data Set 2	Data Set 3
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
13	14	14
13	14	15

1. Data Set 1: Mean _____ Mode _____ Standard Deviation _____ Range _____

   Minimum_____ Q1_____ Median _____ Q3 _____ Maximum _____

   Box Plot:

2. Data Set 2: Mean _____ Mode _____ Standard Deviation _____ Range _____

   Minimum_____ Q1_____ Median _____ Q3 _____ Maximum _____

   Box Plot:

3. Data Set 3: Mean _____ Mode _____ Standard Deviation _____ Range _____

   Minimum_____ Q1_____ Median _____ Q3 _____ Maximum _____

   Box Plot:

4. In the Super Bowl, by how many points does the winning team outscore the losers? Here are the winning margins for the first 42 Super Bowl games:

25	19	9	16	3	21	7	17	4	12	17	5
10	29	22	36	19	32	4	45	1	13	35	17
23	10	14	7	15	7	27	3	27	3	11	12
3	3	10	18	17	4						

Create a well labeled dot plot for the data above.

5. Below are times obtained from a mail-order company's shipping records concerning time from receipt of order to delivery (in days) for items from their catalogue. Construct a histogram representing the data. Make sure to include all appropriate lables.

3	7	10	5	14	12	6	2	9	22	25	11	13	5
7	12	10	22	23	14	8	5	4	7	27	31	13	21
6	8	3	10	19	12	11	8						