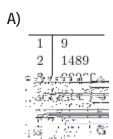
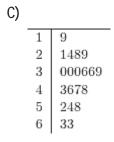
6) Construct a stem-and-leaf plot for the following data.





D) .-

7) Find the mean for the following data set:

28 14

14

25

20

19

8) Find the median for the following data set:

24

18

17

13 25

9) Find the mode for the following data set:

31

16

34

16 27

10) Find the sample standard deviation for the following data set:

25 23 17 16 30

11) Find the population standard deviation for the following data set:

21 12 20 15 18

_			
_			

18) Which one of the following data are discrete?

A) the average preseason ranking of the University of

- 29) A paint manufacturer discovers that the mean volume of paint in a gallon-sized pail is 1 gallon with a standard deviation of 0.05 gallons. The paint volumes are approximately bell-shaped. Estimate the percent of pails with volumes between 0.90 gallons and 1.10 gallons.
- 30) A consumer advocacy group tested the "on-air" lifetimes a random sample of 162 cell phone batteries. The mean lifetime was 2.9 hours with a standard deviation of 0.4 hours. The lifetimes are approximately bell-shaped. Estimate the number of b

44) A study reported that in a sample of 104 people who watch television news, 35 had elevated diastolic blood pressure levels (in millimeters of mercury, or mmHg). In a sample of 74 people who do not watch television news, 20 had elevated diastolic blood pressure levels.	ed ple