

Name_____

Stem and leaf, Histogram, Box Plot Homework

1. Use the following data to create a stem and leaf plot, histogram, and box plot.

Number of CD's owned by middle school students:

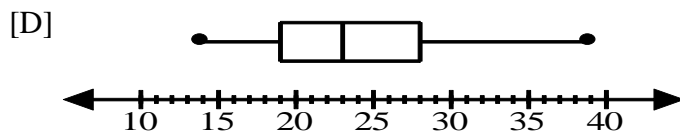
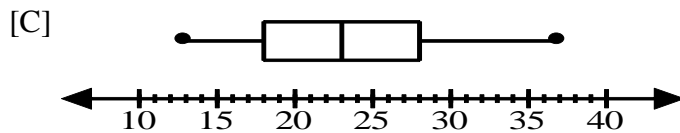
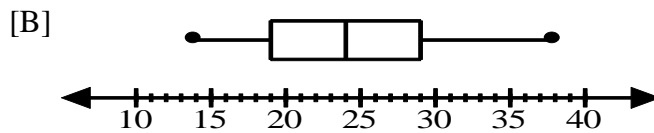
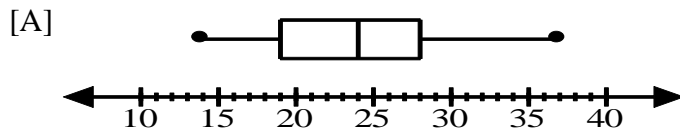
Stem and leaf plot:

5	10
12	2
7	15
31	8
15	19
13	45
0	21
25	21
26	24
29	27
23	25
21	25

Histogram:

Box plot:

2. Which box plot was drawn from the following data.
 $\{35, 14, 29, 26, 15, 20, 26, 20, 28, 19, 23, 16, 24, 25, 37\}$



3. The stem-and-leaf plot below shows the number of calendars students sold to raise money for the school band.

a. How many students sold more than 14 calendars?

b. What was the mean number of calendars sold?

Number of Calendars Sold

0		3	6	8	9	
1		2	5	6	7	9
2		8	9			

key: 1 | 2 represents 12