

Chapter 5.5 Box and Whisker and determining outliers

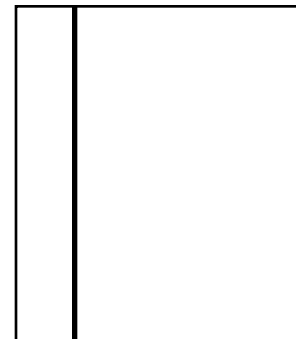
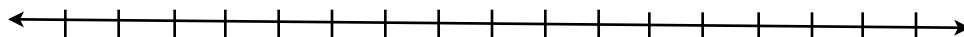
Name _____ Date _____

Fill in the blanks and make a Box and Whisker graph for each set of data.

1) 25,33,34,35,38,42,56,67,78,99

Median ____ Lower quartile ____ Upper quartile ____ Outliers _____

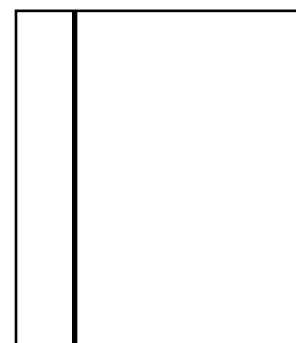
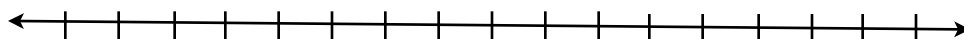
Lower extreme ____ Upper extreme ____ Range ____



2) 8,8,10,11,11,15,16,18,18,18,19,20,20,24,50,54

Median ____ Lower quartile ____ Upper quartile ____ Outliers _____

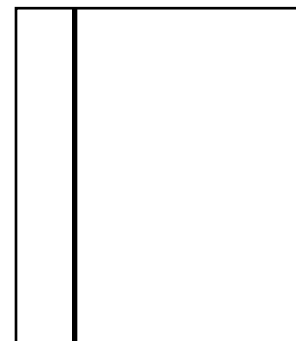
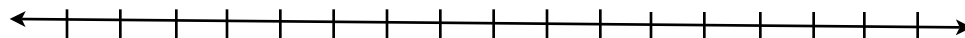
Lower extreme ____ Upper extreme ____ Range ____



3) 12,45,10,7,25,36,10,31,22,5,8,12,14 (careful!)

Median ____ Lower quartile ____ Upper quartile ____ Outliers _____

Lower extreme ____ Upper extreme ____ Range ____

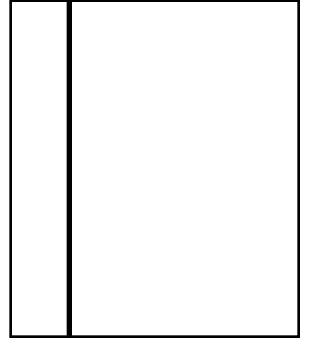
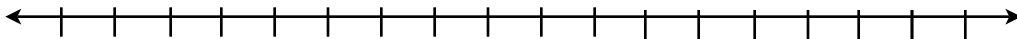


Fill in the blanks and make a Box and Whisker graph for each set of data. In addition, create a stem and leaf plot with the data set.

4) 2,5,8,8,8,12,15,18,19,21,24,25,26,35,36

Median ____ Lower quartile ____ Upper quartile ____ Outliers _____

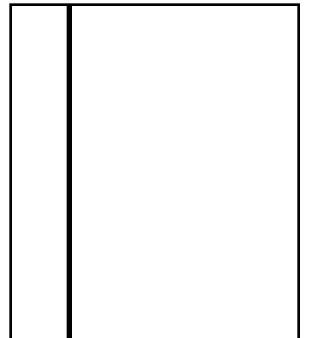
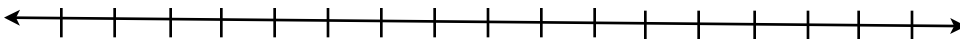
Lower extreme _____ Upper extreme _____ Range _____



5) 45,12,43,26,26,29,22,16,18,11,65

Median ____ Lower quartile ____ Upper quartile ____ Outliers _____

Lower extreme _____ Upper extreme _____ Range _____



6) 1.1,1.5,1.8,2.5,2.9,3.6,4.8,5.6,5.7,5.7,6.1,6.1

Median ____ Lower quartile ____ Upper quartile ____ Outliers _____

Lower extreme _____ Upper extreme _____ Range _____

