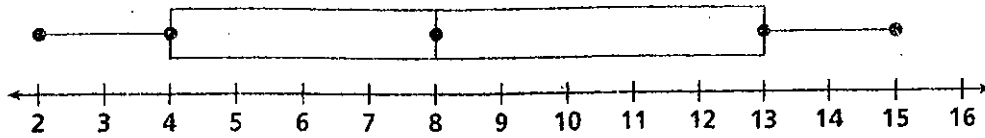


Quiz- Box and Whisker Plots

Name- _____

A. Use the box and whisker plot to find each value.



1. lower extreme-
2. median or Q2-
3. upper extreme-
4. Q1-
5. interquartile range-
6. Q3-

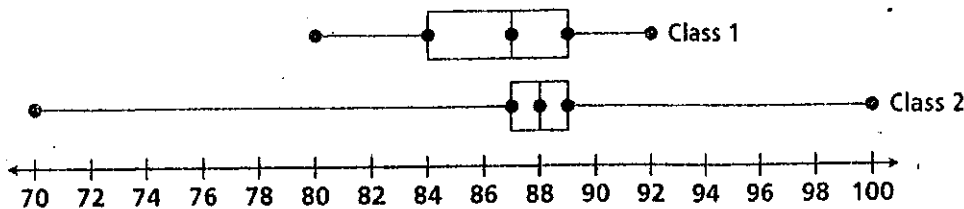
6b. Outliers -

B. Use the data in the table to create a box and whisker graph.

Waiting Times for Movie Tickets (min)					
0	0	5	5	2	9
4	4	1	8	20	3



C. The two box-and-whisker plots represent the test scores for two different math classes. Use the box-and-whisker plots for Exercises 8-12.



7. What is each class's median score? Class 1 _____ Class 2 _____
8. Which class's interquartile range is the greatest?
9. What is the highest score from each class? Class 1 _____ Class 2 _____
10. What percent of the scores from Class 1 are above 89?
11. What percent of the scores from Class 2 are below 88?
12. If each quartile represents 25%, why are the quartiles different sizes?