Sec 1

HW 8-1 Box and Whisker Plots

Unit 8

Don't forget to add LABELS to all of you graphs!

1. The data sets below give the waiting times (in minutes) of several people at two veterinary offices. Find the mean, median, mode and range of each data set.

Office A	
14, 17, 18, 19, 20,	
24, 24, 30, 32	

Office A:

Mean: 22

Median: 20

Mode: 24

Range: 18



2. number

ch hour: 3, 5, 8, 1, 4, 11, 3

3. weight in pounds of boxes loaded onto a semi truck: 201, 201, 200, 199, 199

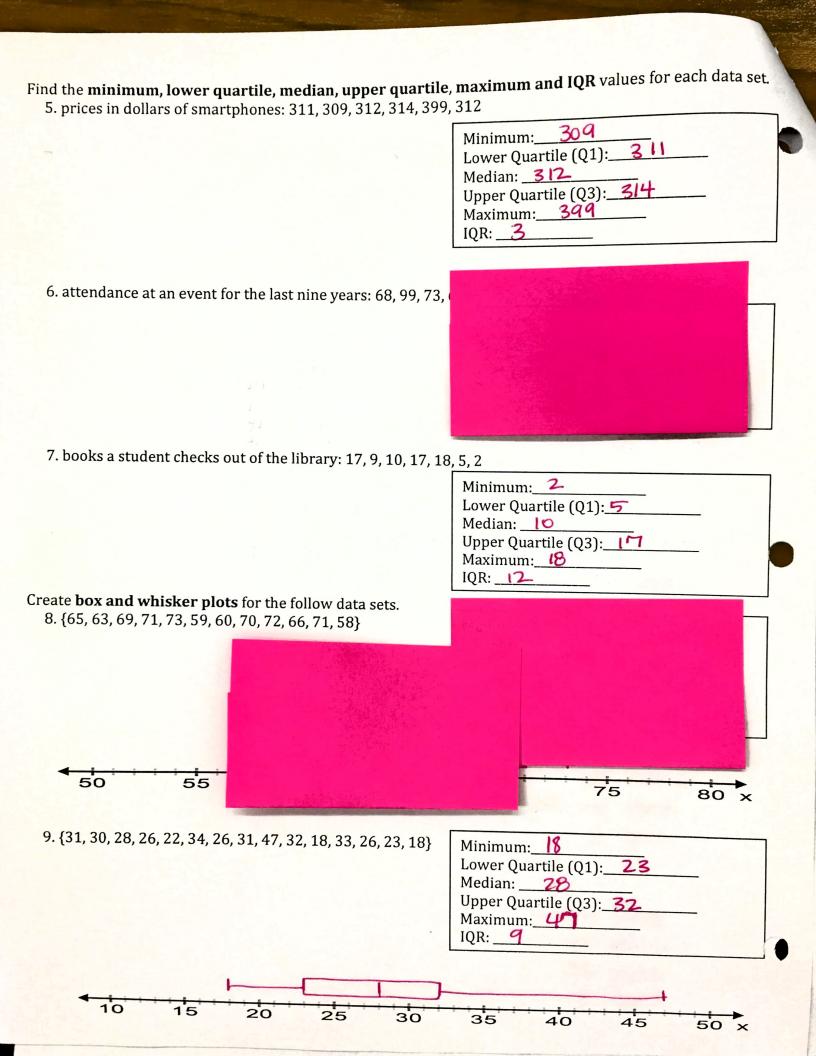
mean: 200

median: 200

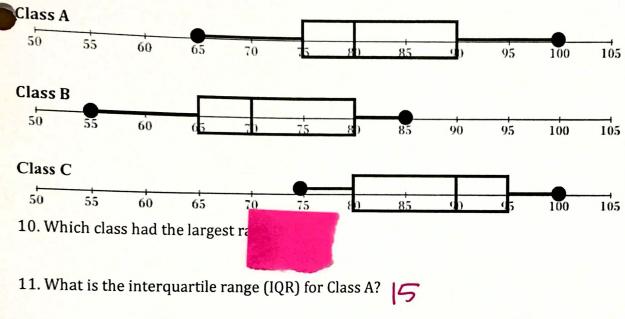
mode: 201, 199

range 2

4. car speeds in miles per hour observed by a highway patrol officer: 60, 53, 53, 52, 53, 55, 55, 57



Three classes all take the same test. The next three box and whisker plots all are made from those classes scores. Use them to answer 6-11 (found on the next page).



12. What percent of the data is represented by the IQR?

red by the IQR?

13. Which class had the lowest score? Uass B

14. Which class had the highest score?



15. Which class did the best? Why do you think so?

class C High score of lowest was only 75%

16. Which

17. Which class user, and the highest mean (average)?

class C