Sports Plots

NAME	
DATE	

1. Look at the roster for the Houston Rockets. Record the weight (in pounds) and the height (in inches) of the players on the roster who have numbers.

PLAYER NAME	WEIGHT	HEIGHT (IN INCHES)



2. Find the minimum, lower quartile, median, upper quartile, and maximum for the weights of the players you listed in Question 1. Construct a box and whisker plot.

Minimum: _____

Lower Quartile: _____

Median: _____

Upper Quartile: _____

Maximum:	
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3. Find the minimum, lower quartile, median, upper quartile, and maximum for the heights of the players you listed in Question 1. Construct a box and whisker plot.

Minimum:	
Lower Quartile:	
Median:	
Upper Quartile:	
Maximum:	



4. Find the minimum, lower quartile, median, upper quartile, and maximum for the heights of all the players you listed in Question 1 **except** for Yao Ming. Construct a box and whisker plot.

Minimum:	
Lower Quartile:	
Median:	
Upper Quartile:	
Maximum:	

5. Compare the box and whisker plots from Questions 3 and 4. How has the plot changed?

- 6. Did the minimum or the maximum change? Why or why not? Be sure to relate your reasons to the data you used to construct your plot.
- 7. Did the median change? Why or why not? Be sure to relate your reasons to the data you used to construct your plot.
- **8.** Did the upper or lower quartile change? Why or why not? Be sure to relate your reasons to the data you used to construct your plot.



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