Box & Whisker Plot Worksheet 2

Height in Inches
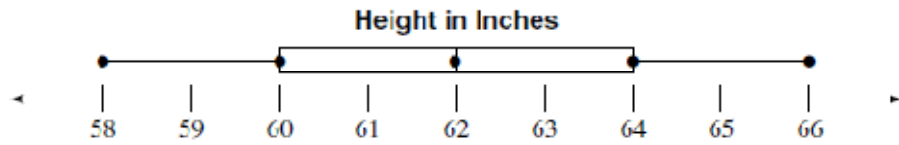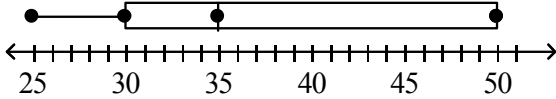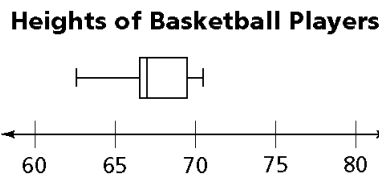

1. What is the median?

2. What is the lower quartile?

3. What is the upper quartile?

4. What is the minimum value?

5. What is the maximum value?

6. The above five values are called the _____.

7. What is the range of the data?

8. What percentage of the data is below the upper quartile?

9. What percentage of data is located between the lower quartile and the median?

10. What percentage of data is above the median?

11. What percentage of data is below the lower quartile?

12. Find the five number summary of the following data set:

    12, 15, 9, 5, 17, 16, 10, 11, 4, 8, 9, 20, 12

13. Construct a box and whisker plot for the data set in question 12.

14. What is the five number summary of the following box and whisker plot?

15. This box plot shows the heights in inches of girls on an 8th grade basketball team.

Heights of Basketball Players

a. What is the five number summary of the box and whisker plot?

b. Listed below are the heights in inches of boys on an 8th grade basketball team.
   Make a box plot of these data using the same scale as used in the box and whisker plot of the girls' heights.

   60   60   66   66   66   67   68   69   69   69   69   70   70   71   71   71

c. Which team has the taller players on average? How do you know?