

Week 2: 8/24-8/28

Math I

Due: 8/31

Objectives:

1. To make and interpret frequency tables and histograms.
2. To find mean, median, mode, and range.
3. To make and interpret box-and-whisker plots.
4. To find quartiles and percentiles.
- 5.

Monday:

In Class:

Section 6-1: #1-6

Foldables: Data and Statistics

Homework:

***Section 6-1: #9, 10, 12, 13, 16-20**

***Go to text website: www.pearsonsuccessnet.com**

Click on section 6-2 and WATCH online problems 1-5 and complete "Got It's" that follow.

***Complete section 6-2: #1-10**

***Explore Google Classroom. Type in a comment in the classroom so I know you know how to use the site.**

Tuesday:

In Class:

Section 6-2: Review #1-10

Foldables: Mean, Median, Mode, and Range

Homework:

Section 6-2: #11-16, 19, 22, 23

Wednesday:

Go to text website: www.pearsonsuccessnet.com

Click on section 6-3 and WATCH online problems 1-4 and complete "Got It" problems that follow.

Thursday:

In Class:

Section 6-3: #1-7

Foldables: Box-and-Whisker Plots

Homework:

Section 6-3: Complete Box-and-Whisker Plot Handout attached

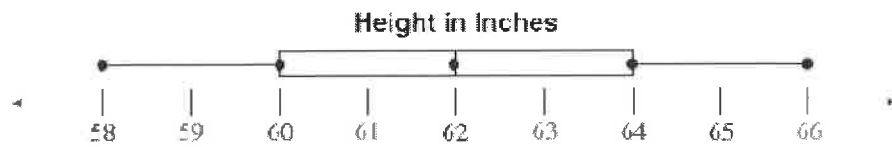
Friday:

Homework:

Go to text website: www.pearsonsuccessnet.com

Click on section 6-4 and WATCH online problems 1, 2, and 4 and complete "Got It's" that follow.

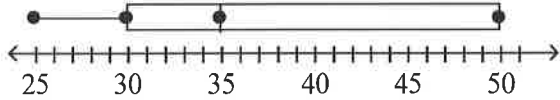
Box & Whisker Plot Worksheet 2



1. What is the median? $Q_2 =$
2. What is the lower quartile? $Q_1 =$
3. What is the upper quartile? $Q_3 =$
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.



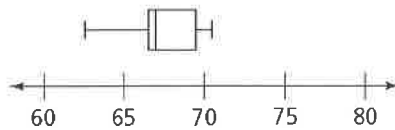
14. What is the five number summary of the following box and whisker plot?



Min:
Q1:
Q2:
Q3:
Max:

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

Heights of Basketball Players



Min:
Q1:
Q2:
Q3:
Max:

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?