Common Measurements Worksheet #1

Name _____
Color _____
Date _____

1. 5 yards = ____ feet

2. 3 miles = ____ feet

3. 6 feet = ____ inches

4. 80 ounces = ____ pounds

5. 8 pounds = ____ ounces

6. 12 tons = ____ pounds

7. 4 cups = ____ fluid ounces

8. 64 fluid ounces = ____ pints

9. 5 gallons = ____ quarts

10. 7 gallons = ____ cups

11. 1492 CE is in which century? _____

12. 1066 CE is in which century? _____

13. 38 CE is in which century? _____

14. 4 days = ____ hours

15. 3 years = ____ days

Box and Whisker Review

Name: _____
Date: _____
Color: _____

Create a box and whisker plot of the following data set. Be sure and use a ruler to draw a number line with appropriate intervals. Label the key points of the box and whisker.

31, 38, 36, 18, 35, 40, 15, 42, 34, 44, 22, 38, 16, 40, 31, 39, 44

What is the median? _____

What is the lower quartile? _____

What is the upper quartile? _____

What does this box and whiskers tell you about the distribution of the data? Do you think that it is evenly distributed? Why or why not?

Frequency Table   Name_____

The following is a frequency table showing the scores that students received on the last test they took in Ms. McGillicutty's class:

Number of students	Score on last test
2	100%
1	98%
1	93%
5	91%
1	89%
3	85%
2	83%
4	80%
1	75%
4	68%
1	22%

1.)   How many students took the test?_____

2.)   What is the mean average score?_____ Round to the nearest

        tenth. Show all work.

3.)   What is the mode of the scores?_____

4.) What is the median of the scores?_____

5.) Which of the previous three measures of central tendency (mean, median, mode) would you use to say that the scores in the class were very good?_____

6.) Which of the measures of central tendency (mean, median, mode) would you use to say that the scores in the class were the least good?_____

7.) Which of the scores is an outlier?_____

8.) If the outlier were removed, how would that affect the mean? (In other words, would it make it go up, would it make it go down or would it stay that same?)

_____

9.) If the outlier were removed, how would that affect the median? (up, down or stay that same?)_____

10.) If the outlier were removed, how would that affect the mode? (up, down or stay that same?)_____