Weekly 14 CC8 Probability Name _____

MONDAY

NO CALCULATOR

1. $4\frac{4}{9} \div 1\frac{7}{8} =$ _____

NO CALCULATOR

2. $4(3 - 5 \times 2) + 2^4 - 8(-3) =$ _____

3, 22, 10, 16, 25, 10, 38, 26, 8

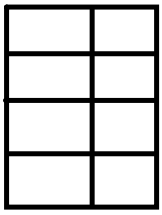
Use the above numbers to...

3. Find the mean _____ 4. Find the median _____ 5. Find the mode _____ 6. Find the spread (range) _____

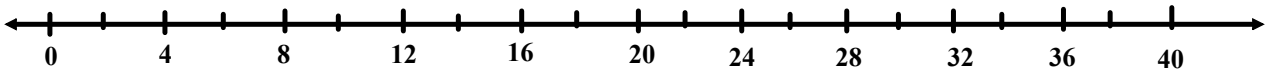
7. Make a Stem and Leaf

Stem | Leaf

8. Make a frequency table (by 10s)



9. Make a Box and whiskers AND dot plot using the number line.



10. Explain what an outlier is. _____
Which measures of central tendencies does an outlier MOST affect? LEAST affect?

TUESDAY

1. _____ What will a $48 shirt cost after 8.3% tax is added?

2. m = _____ $\frac{5}{m+6} = \frac{12}{4m-1}$

35, 51, 36, 45, 48, 60, 35, 63

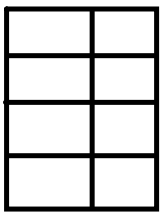
Use the above numbers to...

3. Find the mean _____ 4. Find the median _____ 5. Find the mode _____ 6. Find the spread (range) _____

7. Make a Stem and Leaf

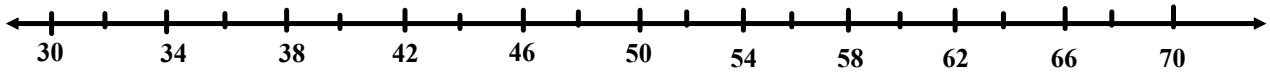
Stem | Leaf

8. Make a frequency table (by 10s)

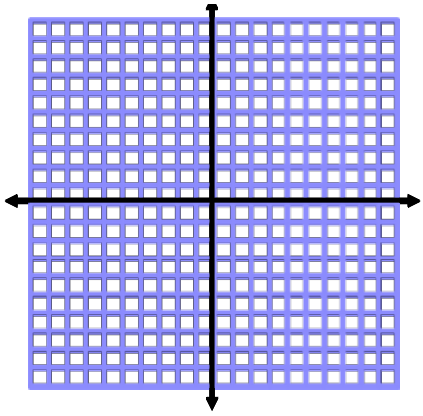


9. Make a Box and whiskers AND dot plot using the number line.

10. Find the Interquartile Range? _____



WEDNESDAY



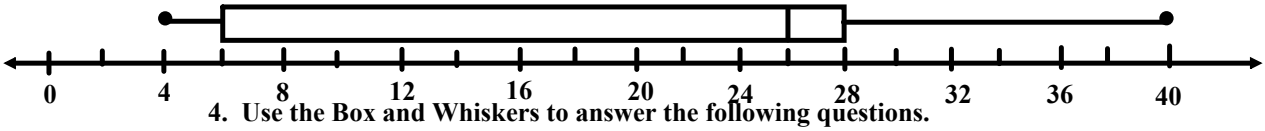
1. The total cost of candy bars is proportional.
4 candy bars costs a total of $6.
Find the unit rate _____
Write an equation for the relationship _____
Graph the relationship on the coordinate plane.
Find two more points that would be true relating candy bars and $. (,) and (,)

2. Graph y = 3x + 2 Is it proportional? _____

3. Use the Stem and Leaf to answer the following questions.

4	**0, 1, 7, 8**
5	**3, 3, 3, 4, 6,7**
6	**2, 5**
7	**3, 5, 5, 9**

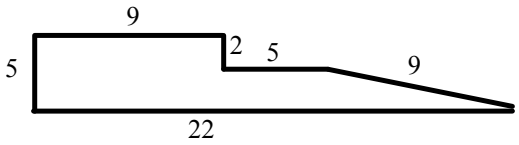
What is the highest data value? _____
What is the range of the data? _____
How many data values are represented? _____
What is the mode of the data? _____
How many stems were used? _____
How many leaves were used? _____
What does the 2 in the Stem and Leaf represent? _____
How many leaves are on the 4 stem? _____



4. Use the Box and Whiskers to answer the following questions.
What is the lowest data value? _____
What is the range of the data? _____
What percentage of the data is represented by the boxes? _____
What is the median of the data? _____
If you had to guess at the mode...make an educated guess? _____
What percentage of the data is between 4 and 6? _____
Find the interquartile range. _____

THURSDAY

1. _____What is the **PRODUCT** of the areas of the two geometric figures?



2. _____**Factor** the following to write an equivalent expression. $28g + 16 + 8g^2$

3. _____Find the Mean Absolute Deviation of the following data set. **18, 26, 58, 45, 32, 28, 106, 41**

4. _____ What was the outlier from #3?

5. _____Find the Mean Absolute Deviation of the data set from MONDAY.

6. _____Find the Mean Absolute Deviation of the data set from TUESDAY.

7. _____Find the Mean Absolute Deviation of the STEM & LEAF data set from WEDNESDAY.