

6th Grade
June 7, 2021

Today we will:

-Work on study guide

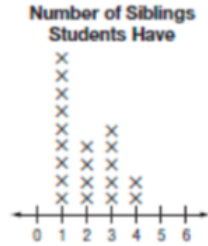
HOMEWORK:

Study for test TOMORROW

Check answers to study
guide on my Weebly
spxmath.weebly.com

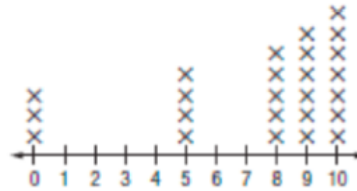


Name _____ Date _____
 6th Grade MATH STUDY GUIDE Unit 12 Statistical Displays
 Complete the work inside the boxes under the problem.

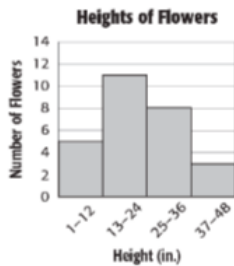


1. a. How many students have 2 siblings?
- b. What is the mode of the data?
- c. What is the median number of siblings students have?
- d. Write a sentence describing the data.

Number of Hours Playing Sports per Week



2. a. Mean =
- b. Median =
- c. Mode =
- d. Describe the data.



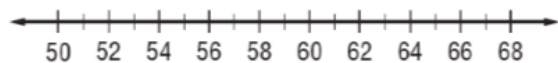
3. a. Which interval represents the least number of flowers?
- b. Which interval has 5 flowers?
- c. How many flowers are 24 inches tall or shorter?
- d. How many flowers are at least 37 inches tall?

Hours Volunteered by Students		
Hours	Tally	Frequency
0-9		6
10-19		9
20-29		6
30-39		5
40-49		9

4. Create a histogram using the above data.

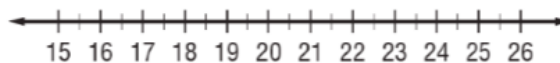
5. Make a box and whisker plot for the data.

{54, 61, 58, 68, 66, 51, 66}

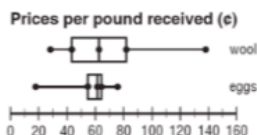


6. Make a box and whisker plot for the data.

{23, 19, 20, 22, 26, 17, 15}



PRODUCTS Use the box plot that shows the average prices in cents per pound farmers received for eggs and wool.



7. a. How do the median egg prices and the median wool prices compare?
- b. Do eggs or wool prices show the greatest spread of data?
- c. In general, do farmers get higher prices for eggs or wool? Justify your reasoning.

Text Messages Sent



8. a. Is the data symmetric?
- b. Are there any outliers?
- c. Describe the data.

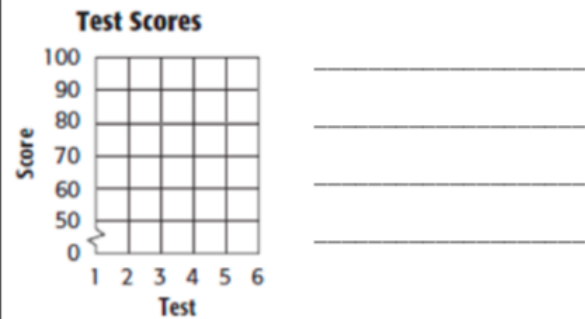
Number of Television Sets



9. a. Is the data symmetric?
 b. Are there any outliers?
 c. Describe the data.

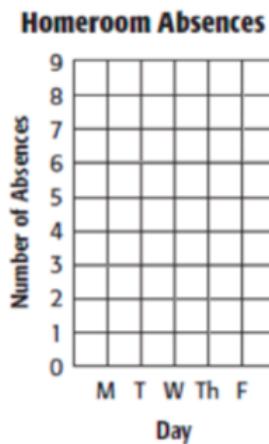
10. Make a line graph of the data. Then describe the change in the test scores from Test 1 to Test 6.

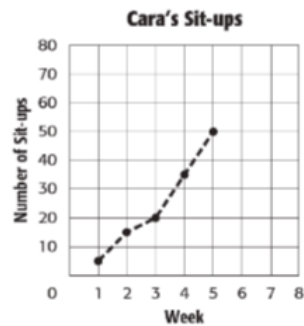
Test Scores	
Test	Score
1	62
2	75
3	81
4	83
5	78
6	92



11. Make a line graph of the data. Then describe the change in homeroom absences throughout the week.

Homeroom Absences	
Day	Absences
Monday	3
Tuesday	6
Wednesday	2
Thursday	1
Friday	8





12. Predict how many students will be in the aerobics class in week 6 if the trend continues.

