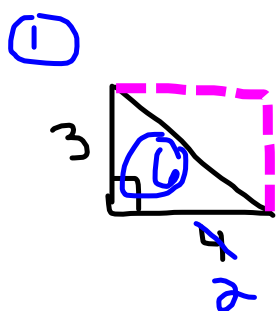


4/20/17 CCM6

Find mean, median, mode and range of a set of data so that you can understand the data.

1. Agenda...HW is page 9
2. Complete Thurs warm-ups **NO CALC.**
3. Get out page 5 to check and a calculator.

Thursday warm-ups



②

4

\uparrow

\downarrow

$\div 4$

$$4^3 = 4 \cdot 4 \cdot 4 = 64$$

$$4^2 = 4 \cdot 4 = 16$$

$$4^1 = 4$$

$$4^0 = 4 \div 4 = 1$$

①

Asking Statistical Questions Activity

For each question indicate whether the question is a statistical or non-statistical question and indicate a reason for your answer.

Question	Stat (Y/N)	Reason
1. What colors are our shoes?	y	many
2. How many pockets do <u>I</u> have on <u>my</u> clothes?	n	1
3. <u>How many</u> different languages are spoken at our school?	n	1 #
4. How far can I jump?	n	1
5. Who likes McDonald's happy meals?		
6. Is my last name the longest name in class?	n	1
7. What is the favorite lunch among <u>all</u> 5 th graders at school?		
8. Can I roll my tongue?	n	1
9. Are cars speeding in our school zone?		
10. Does salt affect the time it takes water to boil?	n	1
11. Who was the oldest president of the USA?	n	1
12. Which gum holds its flavor longer?		

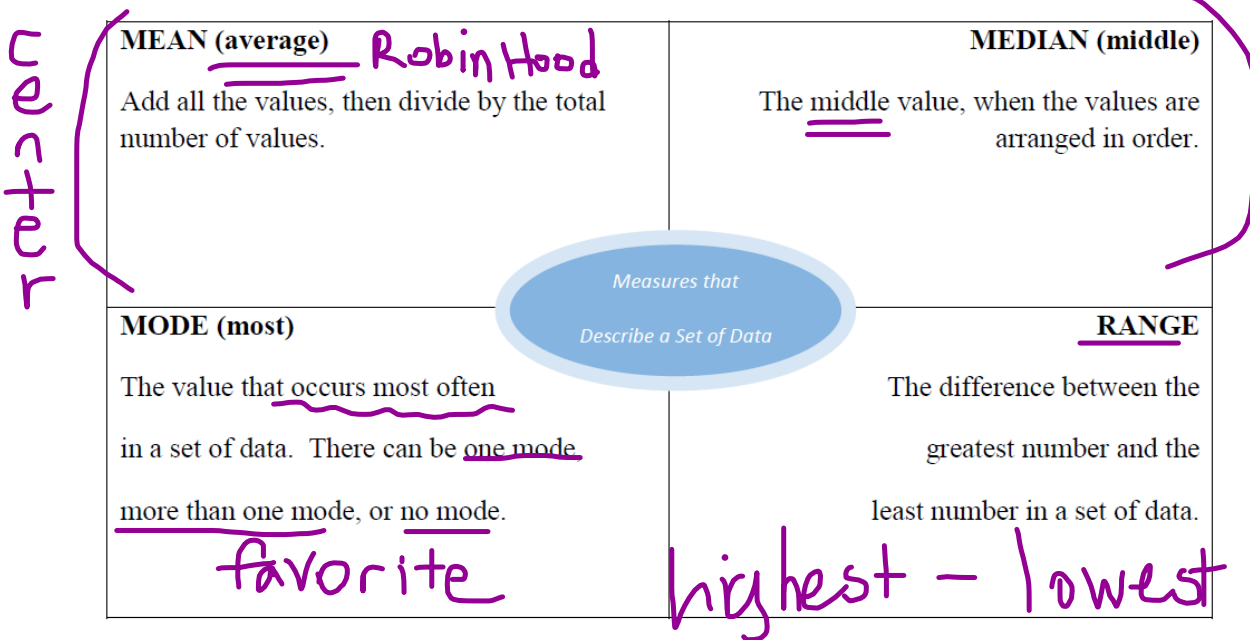


Link to song for these

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measures of CENTER

The mean, the median, the mode, and the range are measures that describe a set of data. This picture will help you learn about each measure.



Tim's bowling scores for the past 5 games are listed below:

89 98 110 98 105

Write *mean, median, mode, or range* to answer the following questions about Tim's scores.

- The number 98 indicates which measure? mode
- Tim added up all his scores and divided by 5. Which measure did he find? mean
- Tim found that the difference between his highest and lowest score was 21 points.
That measure is called the range
- Tim noticed that he got a score of 98 twice. Which measure is Tim focusing on? mode

Terry's test scores for the past 5 assessments are listed below. Calculate the range, mean, median, and mode.

Terry's Test Scores	76	81	94	81	78
---------------------	----	----	----	----	----

Range: 18 Mean: 82 Median: 81 Mode: 81

94 - 76 76 + 81 + 94 + 81 + 78 76, 78, 81, 81, 94

_____ 5 _____ 6 _____

Measures: Mean, Median, Mode, and Range - Independent Practice Worksheet

Complete all the problems.

1. Find the mean, median, mode, and range of the data set:

2, 4, 5, 5, 5, 6, 6, 7, 8, 9, 9

mean = 6 median = 6 mode = 5 range = 7

$$\frac{66}{11}$$

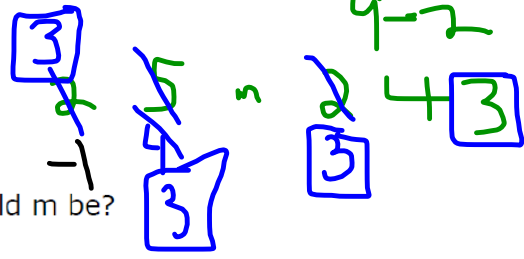
2. Lewis has the following data:

3, 3, m, 4, 3

If the mean is 3, which number could m be?

(a) 2

(b) 3



3. Some boys compared how many footballs they had:

Farmer	Footballs
Long	
Sanders	
James	
Peterson	
Cole	
Jordon	
Owens	



What was the median number of footballs?



4. Find the mean, median, mode, and range of the data set:

4, 17, 17, 4, 27, 29, 20, 24, 34, 4

mean = _____ median = _____ mode = _____ range = _____

5. Allen has the following data:

4, 5, 8, p, 7, 6

If the mean is 6, which number could p be?

(a) 6

(b) 7

6. Find the mean, median, mode, and range of the data set:

22, 24, 26, 20, 29, 28, 26

mean = _____ median = _____ mode = _____ range = _____

7. Some teacher compared how many students were in their class.

Teacher	Number of Students
Mr. Hall	
Mr. Garcia	
Mr. Taylor	
Mr. Moore	
Mr. Wilson	

What was the mode number of students the teacher had?



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HW

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8. Find the mean, median, mode, and range of the data set:

11, 13, 11, 12, 10, 12, 11, 8

mean = _____ median = _____ mode = _____ range = _____

9. Adams has the following data:

2, t, 6, 5, 3

If the mean is 4, which number could t be?

(a) 4

(b) 14

10. Find the mean, median, mode, and range of the data set:

8, 7, 9, 14, 12, 7, 6

mean = _____ median = _____ mode = _____ range = _____

