

Mean Median Mode Range

1. Compare the means of the data sets.

Data set A: {43, 32, 16, 41, 24, 19, 30, 27}

Data set B: {44, 18, 29, 24, 36, 22, 26, 21}

Data set C: {45, 28, 14, 32, 32, 19, 40, 37}

The mean of Data set A is the mean of Data set B and the mean of Data set C is the means of Data sets A and B.

Grade 6 Accel: FL 2023>Chapter 11>Section 11.2: Mean>11.2: In-Class Practice (4 - 7)> Question #7

2. Determine whether the question is a statistical question.

How tall are sixth-grade students?

yes

no

Explain.

B / **/** **U** **☰** **T²** **T₂**

0 / 10000 Word Limit

Grade 6 Accel: FL 2023>Chapter 11>Section 11.2: Mean>11.2: Review & Refresh (1 - 12)> Question #1

3. Determine whether the question is a statistical question.

How many counties are in Florida?

Yes

No

Explain.

B / **/** **U** **☰** **T²** **T₂**

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Grade 6 Accel: FL 2023>Chapter 11>Section 11.2: Mean>11.2: Review & Refresh (1 - 12)> Question #3





4. Find the mean of the data.

16, 14, 13, 15, 15, 17

The mean of the data is .

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5. Find the mean of the data.

Brothers and Sisters	
Amanda	
Eve	
Joseph	
Michael	

The mean is brothers and sisters.

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6. Consider the data set below.

{15, 18, 13, 11, 12, 21, 9, 11}

- a. Find the mean, median, and mode of the data.

The mean is .

The median is .

The mode is .

- b. Each value in the data set is decreased by 7. How does this change affect the mean, median, and mode?

- The mean, median, and mode do not change.
- The median and mode decrease by 7. The mean does not change.
- The mean and mode decrease by 7. The median does not change.
- The mean, median, and mode all decrease by 7.

Grade 6 Accel: FL 2023>Chapter 11>Section 11.3: Measures of Center>11.3: In-Class Practice (6 - 7)> Question #6

7. The numbers of seconds that it takes 10 contestants on a television show to cross a canyon on a zipline are represented by the data set {43, 41, 62, 40, 44, 43, 44, 46, 45, 41}. Find the mean, median, and mode of the data with and without the outlier. Which measure does the outlier affect the most?

	With Outlier	Without Outlier
Mean	<input type="text"/> sec	<input type="text"/> sec
Median	<input type="text"/> sec	<input type="text"/> sec

none
 41
 43
 43.5
 44
 44.9

Find the mode(s) of the data with the outlier.

- 41
 43
 43.5
 44
 44.9
 There is no mode.

Find the mode(s) of the data without the outlier.

- 41
 43
 43.5
 44
 44.9
 There is no mode.

Which measure does the outlier affect the most?

- Mean
 Median
 Mode

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8. Find the mean of the data.

26,42,31,50,29,37,44,31

The mean is .

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9. Find the median of the data.

3,5,7,9,11,3,8

The median is .

Find the mode(s) of the data.

- 3
 5
 8
 9
 There is no mode.

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10. Find the median of the data.

14,19,16,13,16,14

The median is .

Find the mode(s) of the data.

- 13
 14
 16
 19
 There is no mode.

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11. Find the median of the data.

12,33,18,28,29,12,17,4,2

The median is .

Find the mode(s) of the data.

- 2
 4
 12
 There is no mode.

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12. Find the mean and median of the data.

74, 78, 86, 67, 80

The mean is .

The median is .

Find the mode(s) of the data.

- 67
- 74
- 77
- 78
- There is no mode.

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13. Find the mean and median of the data.

15, 18, 17, 17, 15, 16, 14

The mean is .

The median is .

Find the mode(s) of the data.

- 15
- 16
- 17
- There is no mode.

Grade 6 Accel: FL 2023>Chapter 11>Section 11.4: Measures of Variation>11.4: Review & Refresh (1 - 11)> Question #3
