

Name: _____

Measures of Center

Measures of center use a single number to describe...

- a.** a typical value in a data set **b.** the spread of values in a data set

Give the mean, median, and mode for each data set. Then answer the question.

1. Gio's Gelato tracks the number of customers who order their new chocolate banana flavor every week for two months.

42, 80, 81, 53, 74, 62, 49, 79



If it is ordered 68 times next week, will the median change? _____

2. Mrs. Kwiatek has two tomato plants in her backyard. Each year she records the number of tomatoes each produces.

stem	leaf
0	8 9
1	6 6 9
2	0 1 2 2
3	1

key: 3 | 1 = 31

Mean: _____ **Median:** _____ **Mode:** _____

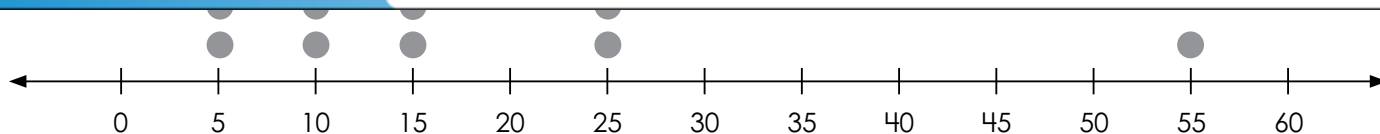
Which measure will a yield of 41 tomatoes most affect? _____

Name: _____

Measures of Center

3. Odin received the following quiz scores in science class.

98, 83, 92, 88, 97, 96, 88, 100, 95



Mean: _____ **Median:** _____ **Mode:** _____

The friend who lives a 55-minute drive away moves. If the mean changes to 15, how many minutes must it take to drive to the new home?

ANSWER KEY

Measures of Center

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Preview

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the printable version of this worksheet.



which measure will a yield of 41 tomatoes most affect?

mean

ANSWER KEY

Measures of Center

3. Odin received the following quiz scores in science class.

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mean: $\frac{98 + 83 + 92 + 88 + 97 + 96 + 88 + 100 + 95}{9} = \frac{837}{9} = 93$

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$$125 + x = 150$$

$$x = 25$$

25 minutes