

Name: _____

Data Values and Measures of Variability

1. Carmelo asks people how many times they ate at a restaurant last month.

4, 2, 13, 1, 1, 5, 2, 0, 3, 1



What is the range? *Show your work.*

What is the interquartile range? *Show your work.*



Preview

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3, 2, 1, 4, 3, 0, 2

What is the range? *Show your work.*

What is the interquartile range? *Show your work.*

One of the 3-egg recipes can be made with 4 eggs instead. If Ruby replaced its value with a 4, how would the range and IQR be affected?

Name: _____

Data Values and Measures of Variability

3. Mr. Simon measures the height of his tulips (in cm).

41, 44, 34, 33, 40, 44, 43, 49, 36

What is the range? *Show your work.*

What is the interquartile range? *Show your work.*



8, 8, 10, 6, 11, 9

What is the range? *Show your work.*

What is the interquartile range? *Show your work.*

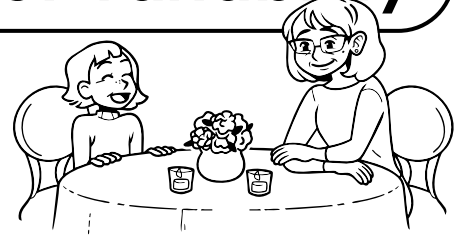
Josephine returns to the rack that had 6 shirts. It now has 3 shirts. If the other racks did not change, how are the range and IQR affected?

ANSWER KEY

Data Values and Measures of Variability

1. Carmelo asks people how many times they ate at a restaurant last month.

4, 2, 13, 1, 1, 5, 2, 0, 3, 1



What is the range? *Show your work.*

13

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One of the 3 egg recipes can be made with 1 egg instead. If Ruby replaced its value with a 4, how would the range and IQR be affected?

The range would stay the same. The IQR would increase to 3.

ANSWER KEY

Data Values and Measures of Variability

3. Mr. Simon measures the height of his tulips (in cm).

41, 44, 34, 33, 40, 44, 43, 49, 36

What is the range? *Show your work.*

16

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did not change, how are the range and IQR affected?

The range increases to 8. The IQR stays the same.