Math Practice - Grade 6

M13 Statistics: questions, data, and displays - Range, interquartile range, mean absolute deviation

M13 6.SP.A.1, 6.SP.A.2, 6.SP.A.3, 6.SP.B.4, 6.SP.B.5, 6.SP.B.5a, 6.SP.B.5b, 6.SP.B.5c, 6.SP.B.5d

Name: _____ Date: _____

Find the measure of spread the question asks for.

Example: Find the mean absolute deviation of the data set.

How: The range is the largest value minus the smallest. The interquartile range is the third quartile minus the first. The mean absolute deviation is the average distance of the values from the mean.

18, 20, 18, 20, 11, 27, 9, 29

5

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1 **Find the range of the data set.**

10, 22, 7, 25, 11, 21, 14, 18

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2 **Find the interquartile range of the data set.**

17, 29, 20, 26, 17, 29, 19, 27

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3 **Find the range of the data set.**

15, 35, 18, 32, 19, 31, 22, 28

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15, 27, 12, 30, 15, 27, 19, 23

5.75

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1 **Find the range of the data set.**

7, 25, 10, 22, 10, 22, 6, 26

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2 **Find the mean absolute deviation of the data set.**

5, 9, 3, 11, 2, 12, 1, 13

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3 **Find the interquartile range of the data set.**

14, 32, 19, 27, 16, 30, 19, 27

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Name: _____ Date: _____

Find the measure of spread the question asks for.

Example: Find the mean absolute deviation of the data set.

16, 32, 15, 33, 22, 26, 20, 28

How: The range is the largest value minus the smallest. The interquartile range is the third quartile minus the first. The mean absolute deviation is the average distance of the values from the mean.

5.75

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1 **Find the range of the data set.**

3, 11, 1, 13, 1, 13, 3, 11

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2 **Find the mean absolute deviation of the data set.**

24, 26, 19, 31, 15, 35, 19, 31

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3 **Find the interquartile range of the data set.**

4, 22, 7, 19, 4, 22, 8, 18