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Math 2 Adv. Unit 8: Statistics

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|  |  |  |  |  |  |  |  | 5  M | E | A | S | U | R | E | O | F | C | E | N | T | E | R |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | 8  M |  |  |  | E |  |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 9  I | N | T | E | R | Q | U | A | R | T | I | L | E | R | A | N | G | E |  |  |  |  |  |  |
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| **Across**  **2.** A Sample in which each individual or object in the entire population has an equal chance of being selected  **4.** The mean distance between each data value and the mean of the data set  **5.** A measure used to describe the middle of a data set; the mean, median, and modes. Also called measure of central tendency  **7.** The set of all possible output values of a function  **9.** The difference of the third (upper) and first (lower) qualities in a data set, representing the middle half of the data  **10.** A graph that shows how data is distributed by using the median, quartiles, least value, and greatest value  **11.** Is a graphical display of data using dots | **Down**  **1.** Are the range, the interquartile range (IQR) , variance, and standard deviation  **3.** The number or numbers that occur most frequently in a set of data; when all numbers occur with the same frequency, we say there is no mode  **6.** The sum of a set of data divided by the number of items in the data set; also called average  **8.** The middle number, or the mean (average) of the 2 middle numbers, in a ordered set of data |