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Math 2 Adv. Unit 8: Statistics

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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  |