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Unit 6 Vocabulary

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| **Across**  **2.** A diagram that summarizes data  **7.** Measured by subtracting the smallest data point from the largest data point  **10.** The shape that data makes when it is placed on a number line or graph. The graph will often have a "cluster" of data in one area, a gap of data in another place, and sometimes an outlier, or piece of data that is much larger or smaller than the other numbers. Distribution of Data/Overall Shape The middle of the data expressed with a single number.(usually mean, median, or mode)  **12.** The smallest value in a data set  **14.** The number of times an item or data point appears in a data set Frequency A way to display data, using bars to show data points  **15.** A chart of data points on a graph or number line  **16.** The largest value in a data set  **17.** Data that is made up of only numbers Numerical Data A data point that is very far away from all of the other points in a data set  **18.** The average, found by adding up each value and dividing by the number of data points collected.  **19.** Measured by subtracting the smallest data point from the largest data point Range The average distance between each data point and the mean | **Down**  **1.** The shape that data makes when it is placed on a number line or graph. The graph will often have a "cluster" of data in one area, a gap of data in another place, and sometimes an outlier, or piece of data that is much larger or smaller than the other numbers.  **3.** The median of the upper and lower half of the data.  **4.** The difference between the first and third quartiles in a data set  **5.** Data that is made up of only numbers  **6.** A measure to look at how spread out the data is. Range and Mean absolute deviation are two ways to do this.  **8.** A question that generates a variety of answers. The data can either be in numbers or categories  **9.** The value that is exactly in the middle of all of the data points when they are put in order from least to greatest.  **11.** The data point that appears the most in a data set  **13.** The number of times an item or data point appears in a data set |