Data Management and Probability

## Activity 3 Assessment

Determining Median and Range

| Determining Median and Range |  |  |  |
| :---: | :---: | :---: | :---: |
| Orders numbers from least to greatest | Determines the range of a data set | Determines the median for a set of data | Recognizes the differences among mean, median, mode, and range and determines each measure appropriately |
| $0,3,6,7,12,19$ | $0,3,6,7,12,19$ <br> The range is: $19-0=19$ | $0,4,5,8,8,10$ <br> The median is: $\begin{aligned} & (5+8) \div 2 \\ = & 13 \div 2 \\ = & 6.5 \end{aligned}$ | The mean is the sum of the numbers divided by how many there are. <br> The median is the middle number when the numbers are arranged in order. <br> The mode is the number or numbers that appear most often. <br> The range is the difference between the greatest number and the least number. |
| Observations/Documentation |  |  |  |
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