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| **Changes to Measures of Central Tendency** |
| Identifies outlier(s) in a data setNumber of baskets scored by a basketball player in 8 games:7, 5, 6, 14, 6, 4, 6, 3 “The outlier is 14.” | Determine the mean for a data set with the outlierOrder the data: 3, 4, 5, 6, 6, 6, 7, 14“With the outlier, the mean is 6.375.” | Determines the mean for a data set without the outlierRemove the outlier:3, 4, 5, 6, 6, 6, 7"Without the outlier, the mean is 5.285." | Identifies the effects of an outlier on the median and mode3, 4, 5, 6, 6, 6, 7, 14“The median is 6.The mode is 6.”3, 4, 5, 6, 6, 6, 7“The median is 6.The mode is 6.The outlier does not affect the median or mode.” |
| **Observations/Documentation** |
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