

Activity 5 Assessment

Changes to Measures of Central Tendency

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<p>Identifies outlier(s) in a data set</p> <p>Number of baskets scored by a basketball player in 8 games: 7, 5, 6, 14, 6, 4, 6, 3</p> <p>"The outlier is 14."</p>	<p>Determine the mean for a data set with the outlier</p> <p>Order the data: 3, 4, 5, 6, 6, 6, 7, 14</p> <p>"With the outlier, the mean is 6.375."</p>	<p>Determines the mean for a data set without the outlier</p> <p>Remove the outlier: 3, 4, 5, 6, 6, 6, 7</p> <p>"Without the outlier, the mean is 5.285."</p>	<p>Identifies the effects of an outlier on the median and mode</p> <p>3, 4, 5, 6, 6, 6, 7, 14 "The median is 6. The mode is 6."</p> <p>3, 4, 5, 6, 6, 6, 7 "The median is 6. The mode is 6."</p> <p>The outlier does not affect the median or mode."</p>
Observations/Documentation			