

Name \_\_\_\_\_ Date(s) \_\_\_\_\_

Scale	Assessment																										
<p data-bbox="217 359 233 390"><b>1</b></p> <p data-bbox="118 436 334 506">a) Check Line Plot.</p>	<p data-bbox="383 359 1159 390"><b>I can create a line plot to represent data. 4.MD.4.</b></p> <p data-bbox="383 436 1487 548">a) A group of opened water bottles were left in the teacher lounge. All of them had some water missing. Create a line plot to show how much the teachers drank from each 20 oz. bottle.</p> <table border="1" data-bbox="383 590 1515 747"><tr><td>Bottles</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>Ounces missing</td><td>6</td><td>8</td><td>10</td><td>8</td><td>7</td><td>12</td><td>6</td><td>7</td><td>8</td><td>9</td><td>11</td><td>10</td></tr></table> <p data-bbox="391 999 1495 1010">_____</p>	Bottles	1	2	3	4	5	6	7	8	9	10	11	12	Ounces missing	6	8	10	8	7	12	6	7	8	9	11	10
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<p data-bbox="217 1182 233 1213"><b>2</b></p> <p data-bbox="99 1304 350 1335">b) _____</p> <p data-bbox="99 1419 350 1451">c) _____</p> <p data-bbox="99 1535 350 1566">d) _____</p> <p data-bbox="99 1692 350 1724">e) _____</p>	<p data-bbox="383 1182 1240 1213"><b>I can find the median, mean, mode, and range of data.</b></p> <p data-bbox="383 1220 1419 1251">Examine the line plot you created above to answer each question.</p> <p data-bbox="383 1304 1471 1388">b) If the <b>range</b> is the smallest to largest data point, what is the range of this data set?</p> <p data-bbox="383 1451 1503 1535">c) If the <b>median</b> (or center), is the data point exactly in the middle of the largest and smallest data point, what is the median of this data set?</p> <p data-bbox="383 1598 1471 1682">d) If the <b>mode</b> is the data point that occurs the most, what is the mode of this data set?</p> <p data-bbox="383 1724 1487 1829">e) If the <b>mean</b> is the average of the total data points (imagine the total being evenly distributed into 12 data points), what is the mean of this data set?</p>																										

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