

Name: _____

Period: _____

Directions: Find the mean, median, mode(s), and range of each data set. Round to the nearest tenth is necessary.																					
1. Annual inches of rainfall in the last 5 years: {29.3, 31.7, 46.3, 32.4, 48.9}				2. The number of games a baseball team has won in each of the last ten seasons: {89, 81, 96, 85, 93, 70, 66, 64, 68, 70}																	
Mean	Median	Mode(s)	Range	Mean	Median	Mode(s)	Range														
3. The speed of 15 cars on the highway: {72, 80, 68, 65, 62, 72, 70, 79, 66, 62, 72, 68, 63, 70, 68}				4. The total number of medals won by the United States in the following summer Olympics: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Year</th> <th>Medals</th> </tr> </thead> <tbody> <tr> <td>1996</td> <td>101</td> </tr> <tr> <td>2000</td> <td>93</td> </tr> <tr> <td>2004</td> <td>101</td> </tr> <tr> <td>2008</td> <td>110</td> </tr> <tr> <td>2012</td> <td>103</td> </tr> <tr> <td>2016</td> <td>121</td> </tr> </tbody> </table>				Year	Medals	1996	101	2000	93	2004	101	2008	110	2012	103	2016	121
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5. The value of a home (in thousands) in the last 10 years: {213, 228, 246, 274, 297, 305, 313, 292, 270, 272}				6. The average high temperature each month for the last year: {31, 36, 42, 55, 67, 75, 80, 78, 71, 59, 48, 36}																	
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7. Jordan and Ben exercise at the same gym. The table below shows the number of calories they burned in each of their last five workouts. How many calories would Ben need to burn in his next workout to have the same average as Jordan?

Jordan	850	674	729	658	614
Ben	716	635	802	687	630

8. The average price of a gallon of gas from 2011 - 2014 is shown in the table below. In 2015, the average price of a gallon dropped 28% from 2014. Find the 5-year average from 2011 – 2015.

Year	2011	2012	2013	2014
\$ per gallon	\$3.75	\$3.80	\$3.62	\$3.40

9. The number of students in each 8th grade math class at Oakville Middle School: {27, 30, 30, 32, 25, 30, 30, 30, 28, 30, 21, 30}

Mean _____

Median _____

Mode(s) _____

10. The square footage of 8 homes in a neighborhood: {2980, 2816, 2648, 2305, 2766, 3072, 2832, 3476}

Mean _____

Median _____

Mode(s) _____

11. SAT test scores of a group of students: {1250, 1490, 720, 1180, 1350, 1090, 1380, 1270, 1560, 1320}

Mean _____

Median _____

Mode(s) _____

****Bonus****

12. Rick's scores in his last 15 rounds of golf are 72, 80, 75, 84, 78, 72, 75, 68, 81, 74, 79, 70, 77, 83, and 72. If he scores an 80 on each of the next three rounds, which measure of center would increase more, the mean or the median? Justify your answer.