Problem Solving

**Range, Mean, Median, and Mode**

Write the correct answer.

1. Use the table at right to find the range, mean, median, and mode of the data set.

<table>
<thead>
<tr>
<th>Team</th>
<th>Number of Wins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baltimore Orioles</td>
<td>3</td>
</tr>
<tr>
<td>Boston Red Sox</td>
<td>5</td>
</tr>
<tr>
<td>Detroit Tigers</td>
<td>4</td>
</tr>
<tr>
<td>Minnesota Twins</td>
<td>3</td>
</tr>
<tr>
<td>Pittsburgh Pirates</td>
<td>5</td>
</tr>
</tbody>
</table>

2. When you use the data for only 2 of the teams in the table, the mean, median, and mode for the data are the same. Which teams are they?

3. The states that border the Gulf of Mexico are Alabama, Florida, Louisiana, Mississippi, and Texas. What are the range, mean, median, and mode for the number of letters in those states' names?

4. There are 5 whole numbers in a data set. The mean of the data is 10. The median and mode are both 9. The least number in the data set is 7, and the greatest is 14. What are the numbers in the data set?

5. If the mean of two numbers is 2.5, what is true about the data?
   - A Both numbers are greater than 5.
   - B One of the numbers is less than 2.
   - C One of the numbers is 2.5.
   - D The sum of the data is not divisible by 2.

6. Tom wants to find the average height of the students in his class. Which measurement should he find?
   - F the range
   - G the mean
   - H the median
   - J the mode