Case Closed - Evidence:
Twenty players participated in the golf tournament. The average (mean) score was 74.85, or about 75. This is 3 points above par. As the histogram shows, seven players scored at par or below, seven slightly above par (73-78), and the remaining six were well above par. The median score was 75.5, which means that half of the players scored below 75.5 and half scored above 75.5. The highest score was 83 and the lowest was 67 for a range of 16 points. This wide of a range suggests that there was much variation among the players’ performances in this tournament.

Classroom Cases:
1. Given the data below, organize it in a stem-and-leaf plot, frequency table, or line plot.

Scores in a local golf tournament: 81, 82, 76, 79, 68, 70, 80, 67, 76, 75, 82, 67, 67, 77, 73, 72, 72, 74, 76, 83

<table>
<thead>
<tr>
<th>Golf Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>67 7 7 7 8</td>
</tr>
<tr>
<td>70 2 2 3 4 5 6 6 6 7 9</td>
</tr>
<tr>
<td>80 0 1 2 2 3</td>
</tr>
</tbody>
</table>

Key: 6|7 = 67

2. Display the data in an appropriate graph and discuss the outcome of the tournament.

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3. Suppose we want to describe the typical middle school teacher. We are going to conduct a survey among a sample of teachers across the state. Please list five questions we might pose to gather responses that will help with our description.

Case Closed - Evidence:
1. What subject(s) do you teach?
2. How many years have you been teaching?
3. How much time do you spend planning lessons?
4. What responsibilities do you have other than teaching, such as club sponsor, coach, etc.?
5. Do you have any hobbies? If so, please list two.