Practice Set 2  Summarizing Data

See pages PS 6 and PS 7 of Appendix I for complete solutions to this Practice Set.

I. Darin’s Music Emporium
A. Upon graduating from college, Darin Jones opened Darin’s Music Emporium. The company sells music-related hardware and software. We will use descriptive statistics to analyze company sales data.
B. Darin recently collected the following Walkman CD Recorder sales data.

Units sold per day: 17, 22, 17, 8, 12, 15, 14, 16, 21, 29, 16

1. Make an array and calculate the range of this data.

2. Calculate an appropriate class width for this data.

II. Make a 5-class frequency distribution using stated class limits for the first class of 5-9 sales units. Those using statistics software should try other class limits with their software and print the one with the most symmetrical distribution.

<table>
<thead>
<tr>
<th>Darin’s Music Emporium Walkman Sales Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stated Class Limits</td>
</tr>
<tr>
<td>5 - 9</td>
</tr>
</tbody>
</table>

A. Draw or print a histogram.