Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Investigation 3: **How Good Is Your Memory?**

**Worksheet 3.5: Matching Standard Deviation to Dot Plots**

Consider the following group of dot plots and summary statistics. Each of the summary statistics for each data sets 1 to 5 corresponds to one of the dot plots, lettered A to E.

In the “Dot Plot” row of the table, write the letter of the matching dot plot below the appropriate summary statistics and explain how you made your choice.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Summary | 1 | 2 | 3 | 4 | 5 |
| Mean | 77.6 | 71 | 81.4 | 53.9 | 54.6 |
| Median | 80 | 80 | 80 | 50 | 50 |
| Standard Deviation | 9.3 | 19.8 | 8.5 | 21.2 | 9.7 |
| Dot Plot |  |  |  |  |  |

|  |  |
| --- | --- |
| A |  |
| B |  |
| C |  |
| D |  |
| E |  |