**Informal Inferences about Two Populations**

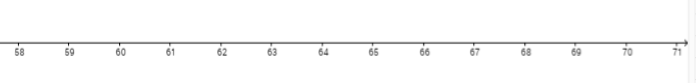


You want to determine the mean height of the tenth grade girls and boys at your high school. You randomly sample 15 boys and 15 girls. Below are their heights (in inches)

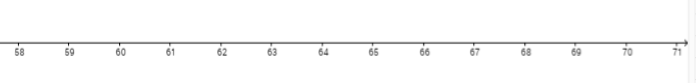
|  |  |
| --- | --- |
| Boys | Girls |
| 67.1 | 62.9 |
| 65.3 | 60.1 |
| 69.0 | 64.2 |
| 66.5 | 60.5 |
| 67.2 | 64.2 |
| 70.2 | 65.8 |
| 68.3 | 61.8 |
| 69.4 | 59.7 |
| 68.6 | 62.9 |
| 65.2 | 63.0 |
| 66.7 | 62.8 |
| 64.3 | 58.5 |
| 66.8 | 59.9 |
| 68.2 | 60.0 |
| 69.5 | 65.4 |

1. Find the mean height for the girls and boys (Round to the nearest tenth).
2. Create a dot plot for each group.

Boys



Girls



1. Compare the dot plots. What do you notice? What inferences can you make about this data?