

Algebra 2: Statistics

| Section | Key Problem | You Got It Right! | Notes | Correct on Homework. | I Got This! | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------|----------------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| | GIVEN THE DATA: 1, 2, 3, 7, 5, 8, 5, 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1: Basic Statistics | Find the mean, median and mode of the given data. | | | /9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S2: Stem and Leaf Plots, Box and Whisker Plots | Find the Minimum Lower Quartile Median Upper Quartile Maximum & Draw a box-and-whisker plot of the data | | | /11 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S3: Standard Deviation | Find the range and the standard deviation of the data. $x \quad x - \mu \quad (x - \mu)^2$ <table border="1" style="margin-left: 20px; border-collapse: collapse; width: 150px;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | /5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S4: Normal Distributions | For a set of normally distributed data with mean of 36 and a standard deviation of 2, what percent of the data falls between 34 and 38? | | | /6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S5: Z-Scores | For a set of normally distributed data with mean of 36 and a standard deviation of 2, what percent of the data falls is greater than 35? | | | /10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | /20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|------|----------------------------|--|--|--|--|
| | What am I still unsure of? | | | | |
| Test | | | | | |