

**TV Teacher Trivia Graphing and Statistics**

1. Take the quiz and grade
2. Class Tally

Mean:

Median:

Mode:

Range:

|  |  |  |
| --- | --- | --- |
| Score | Tally | Percent of class scoring this number |
|  5 |  |  |
| 10 |  |  |
| 15 |  |  |
| 20 |  |  |
| 25 |  |  |
| 30 |  |  |
| 35 |  |  |
| 40 |  |  |
| 45 |  |  |
| 50 |  |  |
| 55 |  |  |
| 60 |  |  |
| 65 |  |  |
| 70 |  |  |
| 75 |  |  |
| 80 |  |  |
| 85 |  |  |
| 90 |  |  |
| 95 |  |  |
| 100 |  |  |

1. Find the variance of this data:
2. Find the standard deviation of this data:
3. Make a stem and leaf plot representing this data:
4. What is:
	* the lower quartile:
	* The upper quartile:
	* Interquartile range:
5. Draw a box and whisker plot of this data:
6. Create a horizontal bar graph of this data:



1. Is the data normally distributed, skewed left (negatively skewed) or skewed right (positively skewed)?
2. Create a circle graph of our data: