**CCHS Mathematics I**

**Connecting Algebra and Geometry**

**Module 8 Assessment Study Guide**

Define the following Mathematical Terms

|  |  |  |  |
| --- | --- | --- | --- |
| Unimoda Data | Bimodal Data | Multimodal Data | Uniform Data |
| Left Skewed Data | Right Skewed Data | Increasing | Decreasing |
| Categorical | Decreasing | Quantitative | 1st Quartile |
| Pre-image, Image | Rotational symmetry | Lines of symmetry | Quadrilateral |
| 3rd Quartile | Mean | Median | Mode |
| Interval | Percentage | 5-number summary | Histogram  |
| Correlation Coefficient | Frequency Table | Scatter Plot | 2-way Frequency Table |
| Line of Best Fit | Residual Plot |  |  |

Understand the following Tasks

1. Describe data in a graph as skewed, normal, unimodal, bimodal, multimodal, uniform.
2. Describe data as increasing, decreasing, categorical, or quantitative data.
3. Compute the percentage change.
4. Compute mean, median, and mode.
5. Compute a winning percentage from scores.
6. Identify single variable and two-variable categorical data.
7. Describe single variable and two-variable quantitative data.
8. Create a residual plot.