

## Graphing : Concentration Camp Stats

Teacher Name:

Student Name: \_\_\_\_\_

| CATEGORY               | 4  | 3  | 2  | 1   |
|------------------------|--|--|--|---|
| Units                  | All units are described (in a key or with labels) and are                    | Most units are described (in a key or with labels) and are     | All units are described (in a key or with labels) but are                                | Units are neither described NOR appropriately sized for the     |
| Title                  | Title is creative and clearly relates to the problem being                   | Title clearly relates to the problem being graphed             | A title is present at the top of the graph.  | A title is not present.   |
| Data Table             | Data in the table is well organized, accurate, and easy to read.             | Data in the table is organized, accurate, and easy to read.    | Data in the table is accurate and easy to read.  | Data in the table is not accurate and/or cannot be read.        |
| Accuracy of Plot       | All points are plotted correctly and are easy to see. A ruler is             | All points are plotted correctly and are easy to see.          | All points are plotted correctly.  | Points are not plotted correctly OR extra points were included. |
| Strategy/Procedures    | Typically, uses an efficient and effective strategy to solve the problem(s). | Typically, uses an effective strategy to solve the problem(s). | Sometimes uses an effective strategy to solve problems, but does not do it consistently. | Rarely uses an effective strategy to solve problems.            |
| Mathematical Reasoning | Uses complex and refined mathematical reasoning.                             | Uses effective mathematical reasoning                          | Some evidence of mathematical reasoning.   | Little evidence of mathematical reasoning.                      |