Graphing Guidelines Name: Period:

Bozeman Guided Notes: **Beginners Guide to Graphing Data**

<http://www.bozemanscience.com/beginners-guide-to-graphing-data>

1. Why do we use graphs in science?

2. For each type of graph in the following table, explain when you would use them.

|  |  |
| --- | --- |
| **Graph Type** | **What Type of Data?**  |
| Line Graph |  |
| Scatter Plot |  |
| Bar Graph |  |
| Histogram |  |
| Pie Chart |  |

3. What information goes in the graph axis labels?

4. What should the title of a graph tell you?

5. When scaling an axis line, what should always be true about the increments between points on the scale?